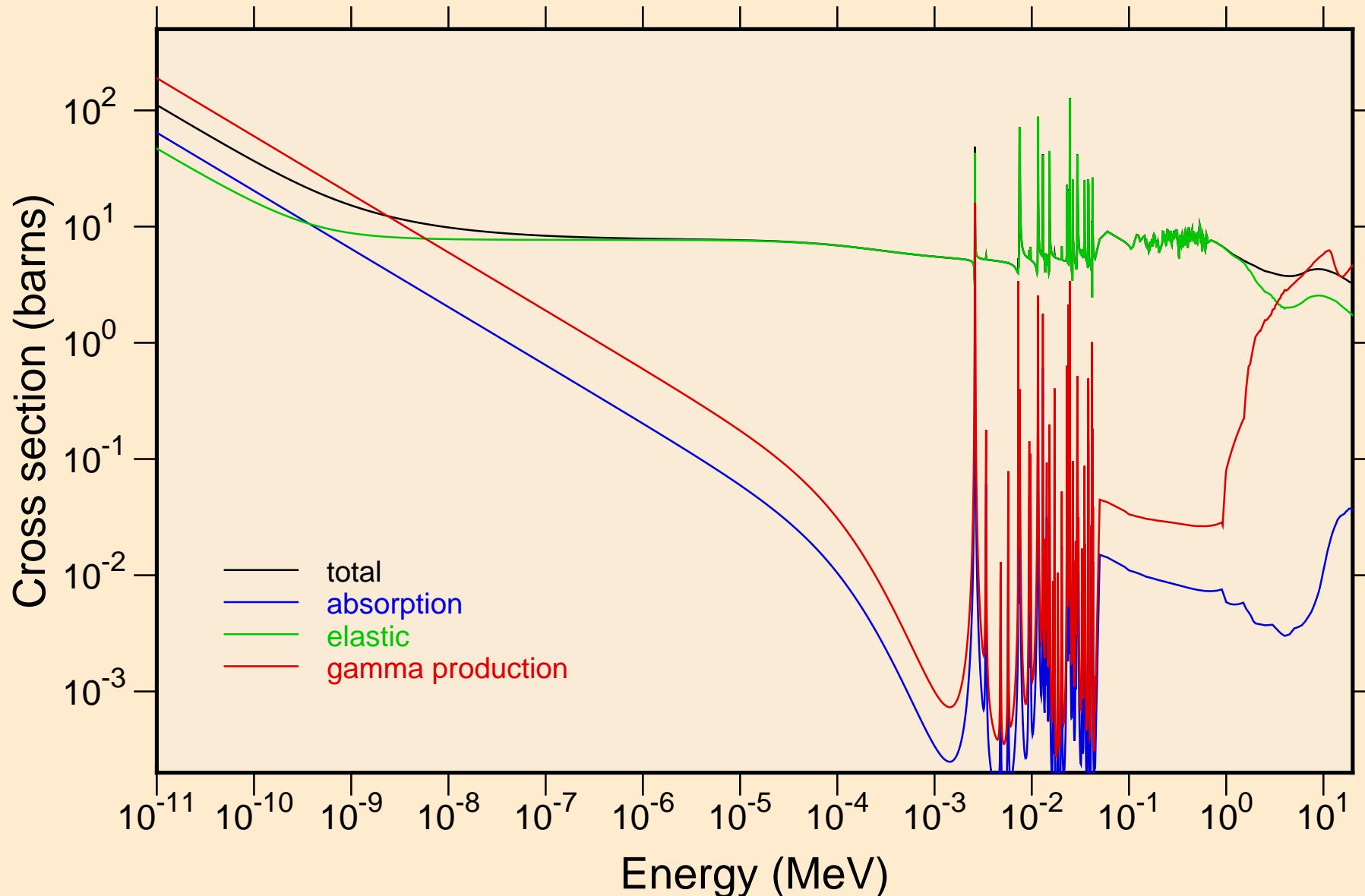


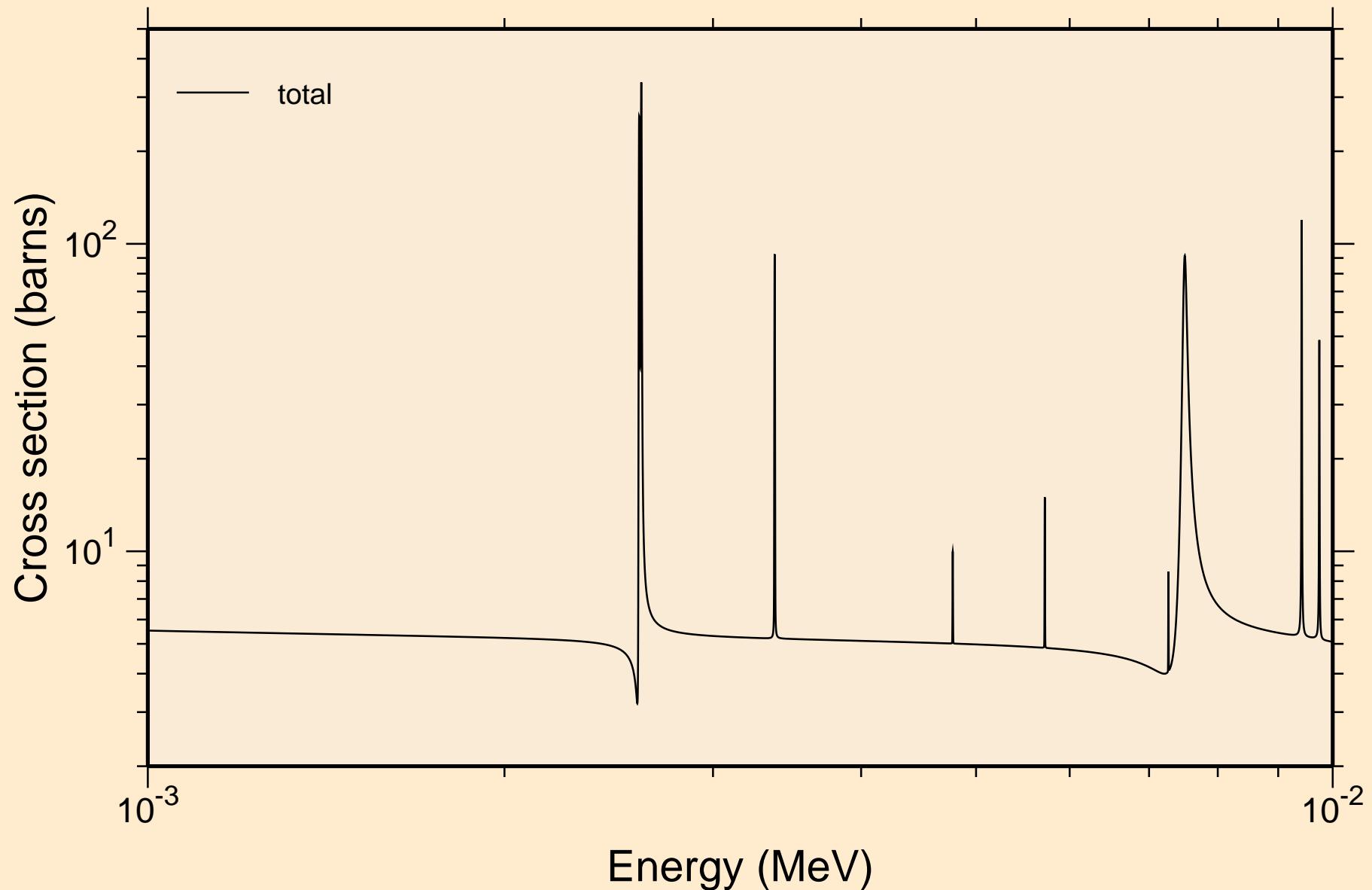
# ADVANCE CALCULATIONS

## Principal cross sections



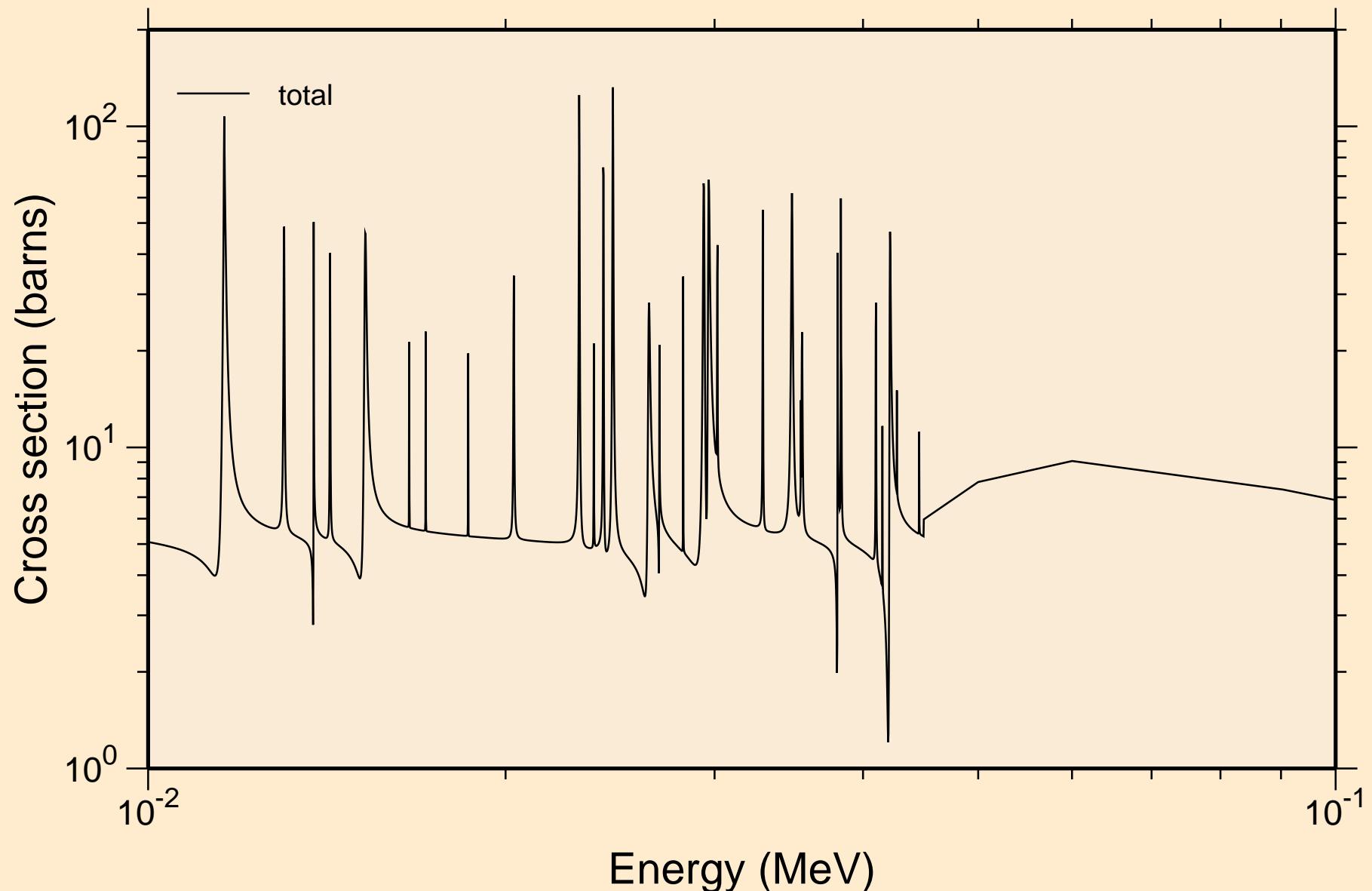
# ADVANCE CALCULATIONS

## resonance total cross section



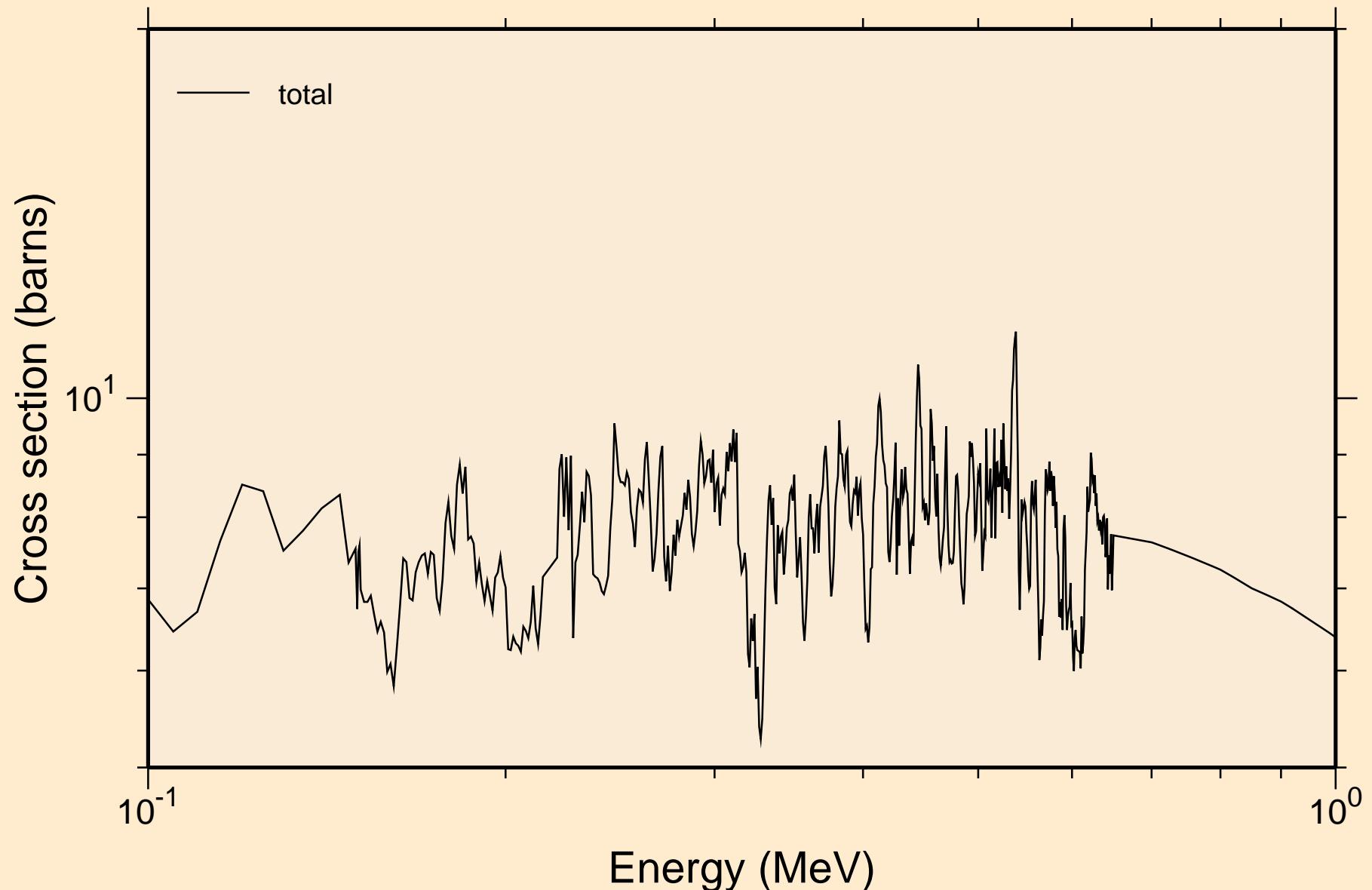
# ADVANCE CALCULATIONS

## resonance total cross section



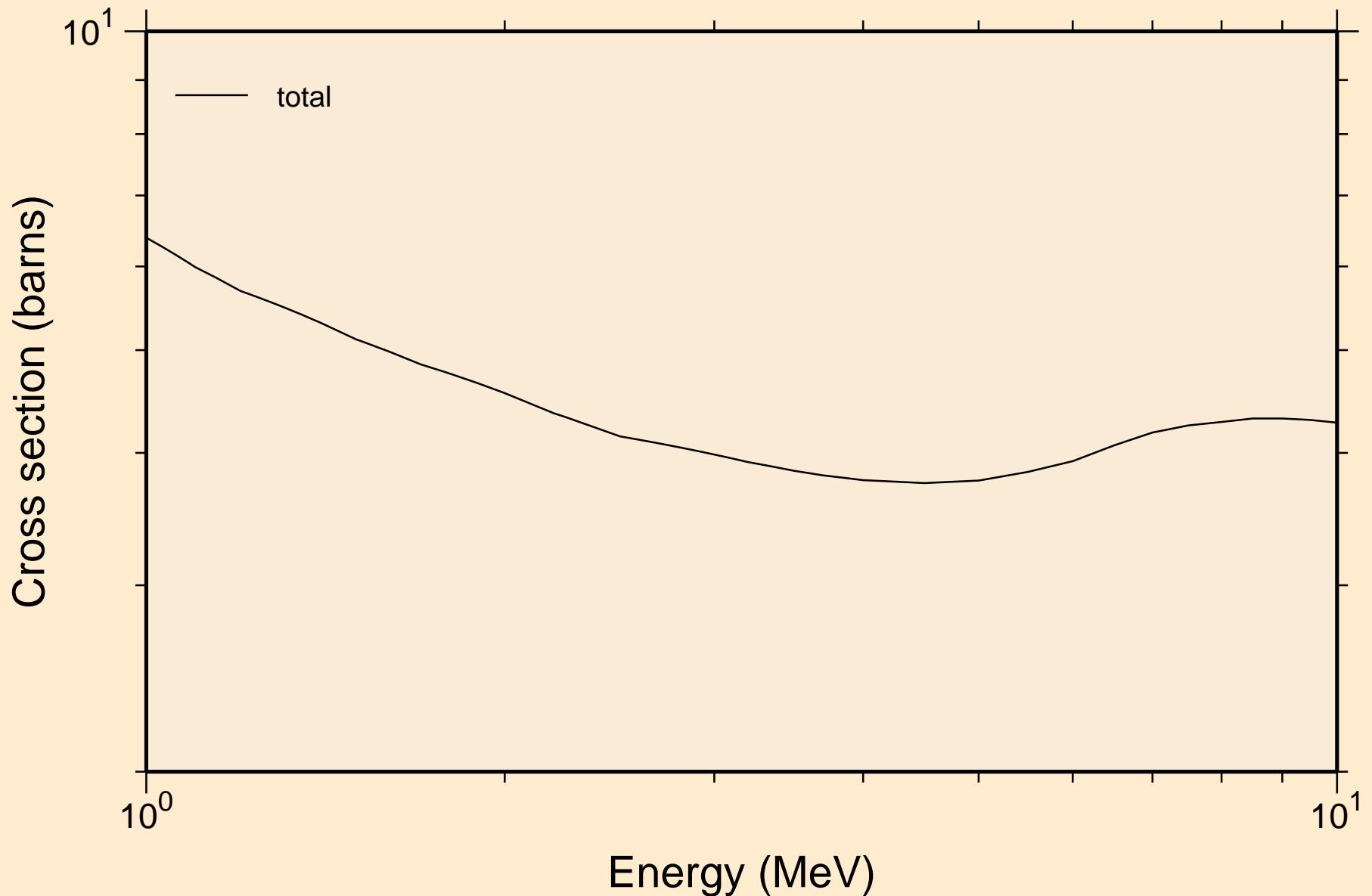
# ADVANCE CALCULATIONS

## resonance total cross section



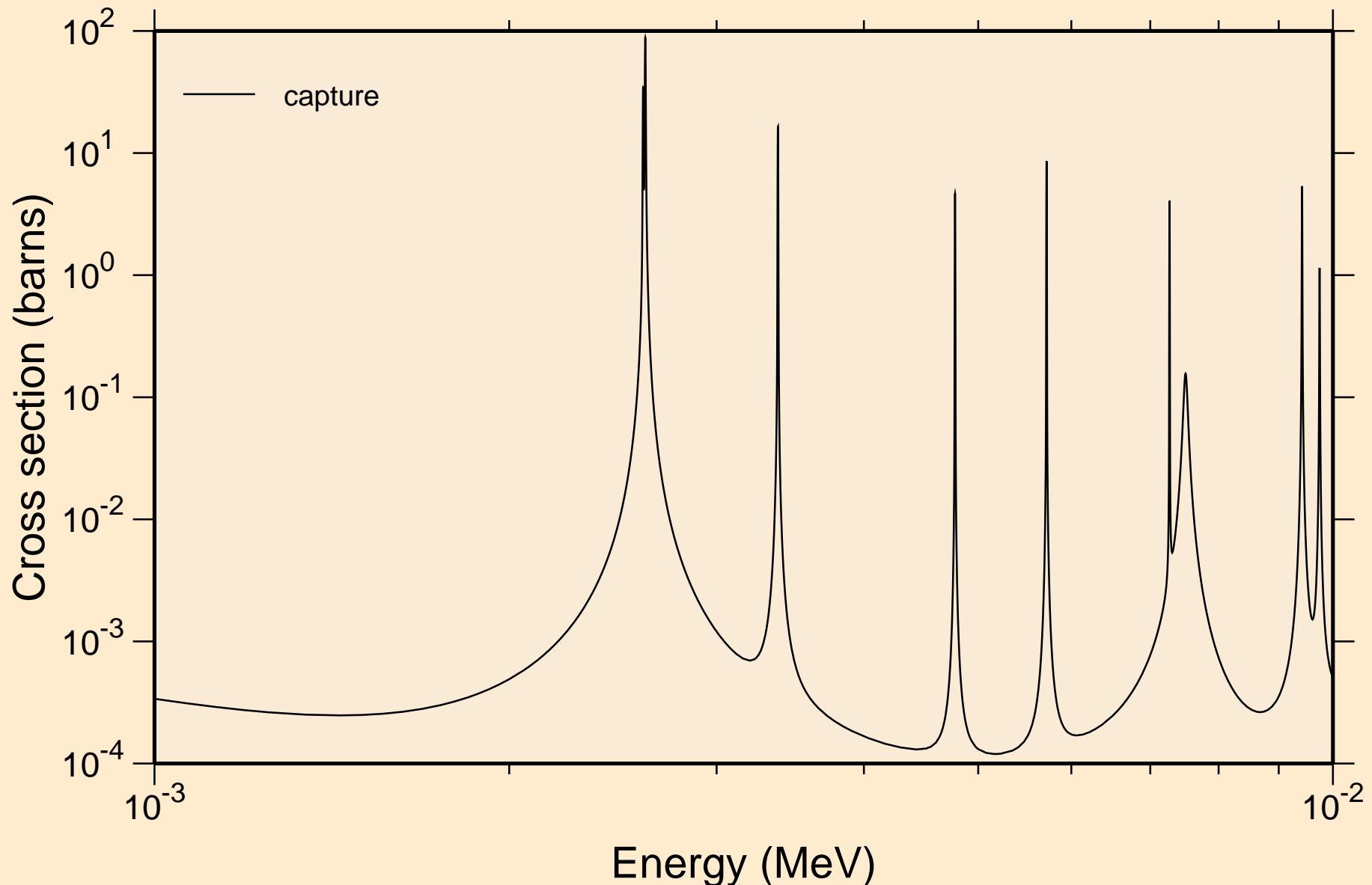
# ADVANCE CALCULATIONS

## resonance total cross section



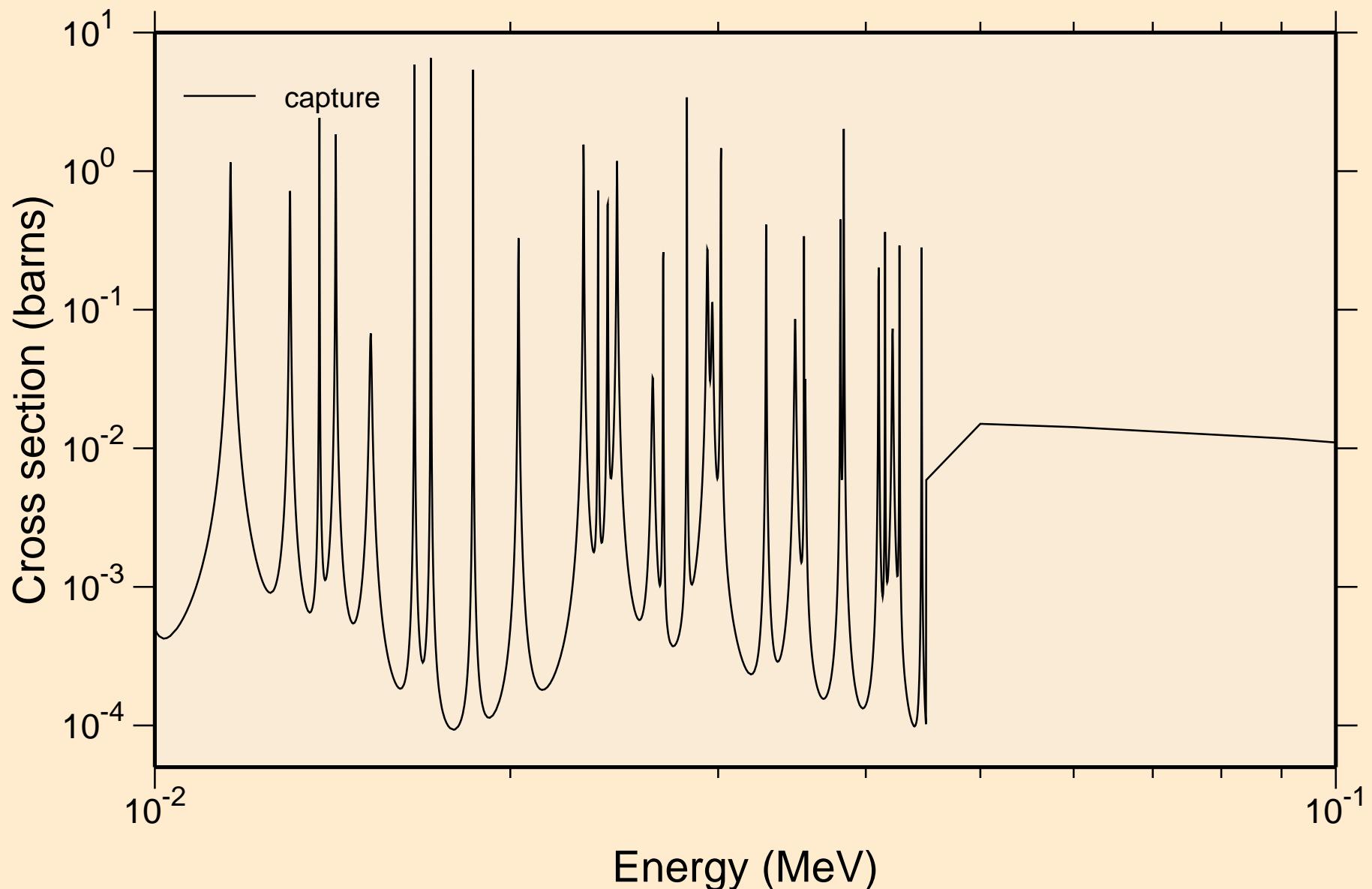
# ADVANCE CALCULATIONS

## resonance absorption cross sections



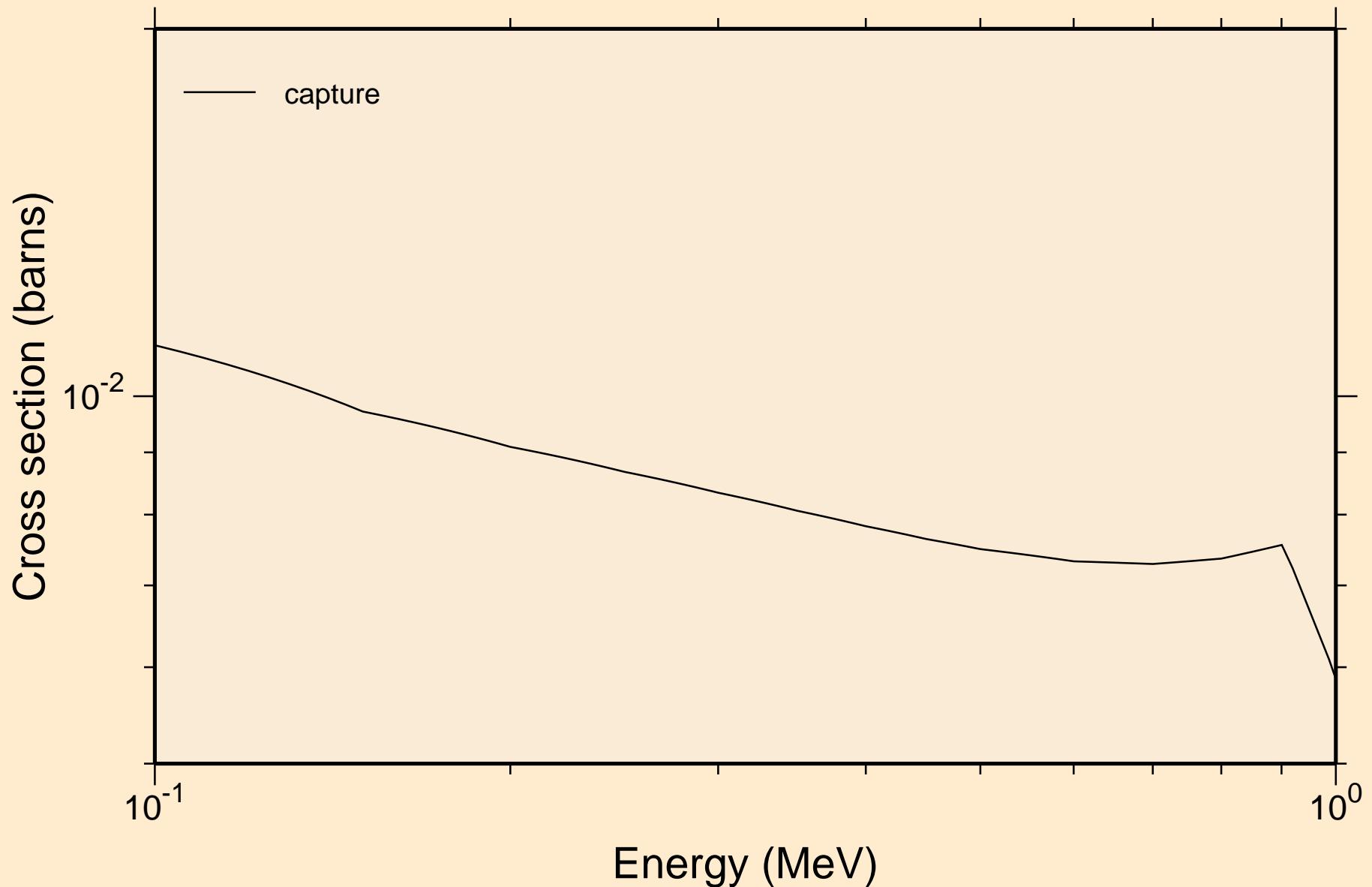
# ADVANCE CALCULATIONS

## resonance absorption cross sections



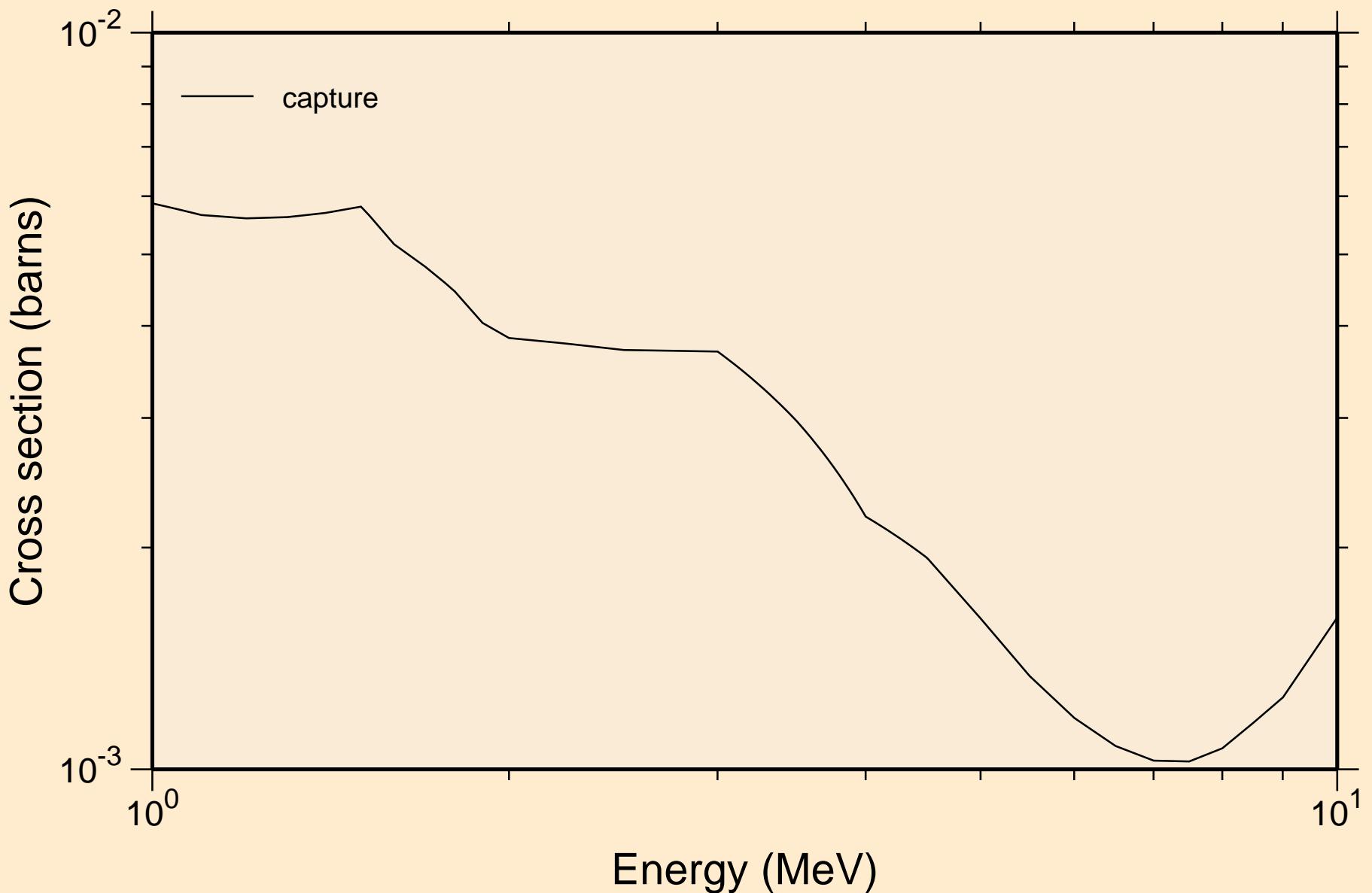
# ADVANCE CALCULATIONS

## resonance absorption cross sections



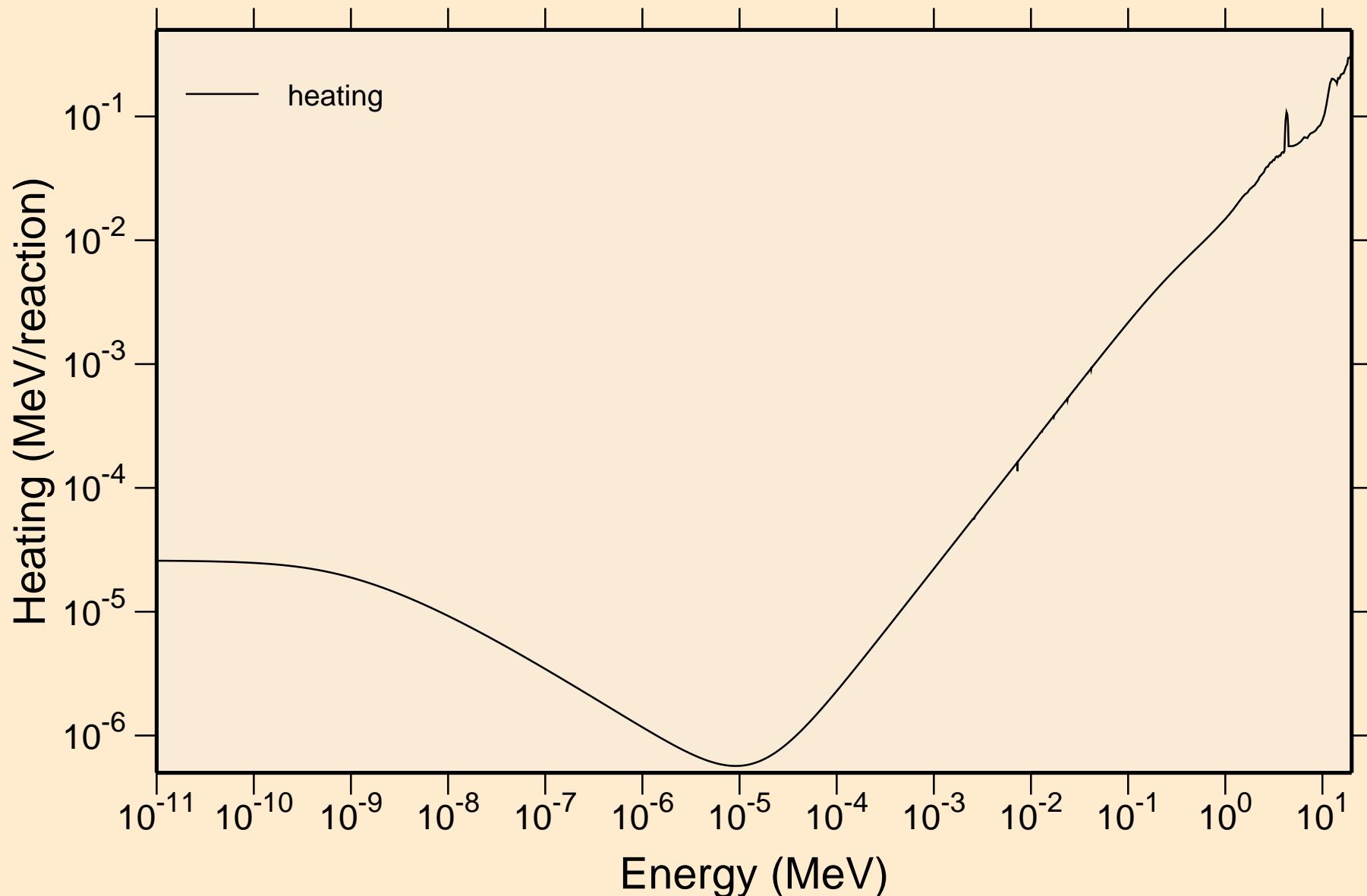
# ADVANCE CALCULATIONS

## resonance absorption cross sections



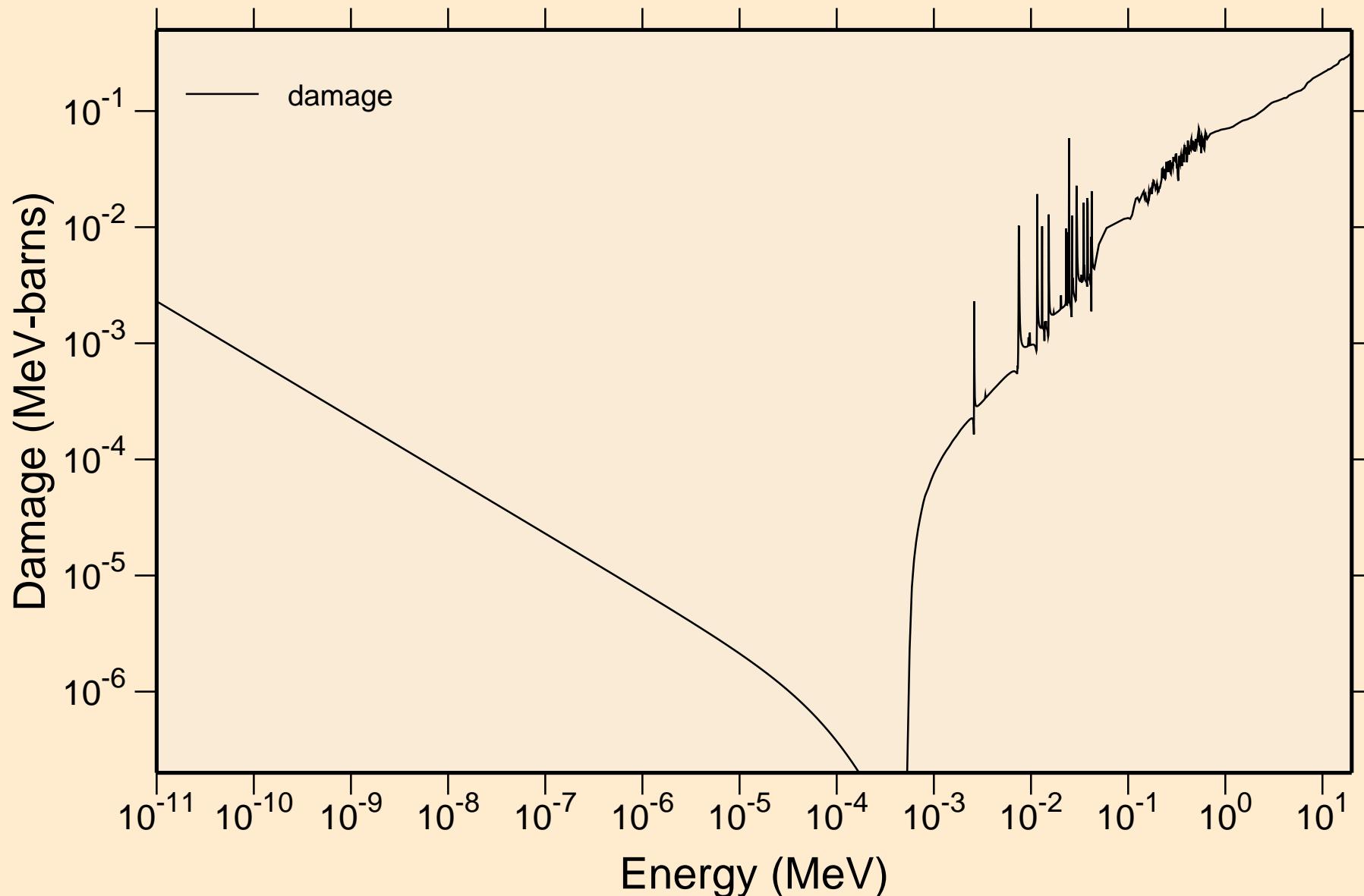
# ADVANCE CALCULATIONS

## Heating



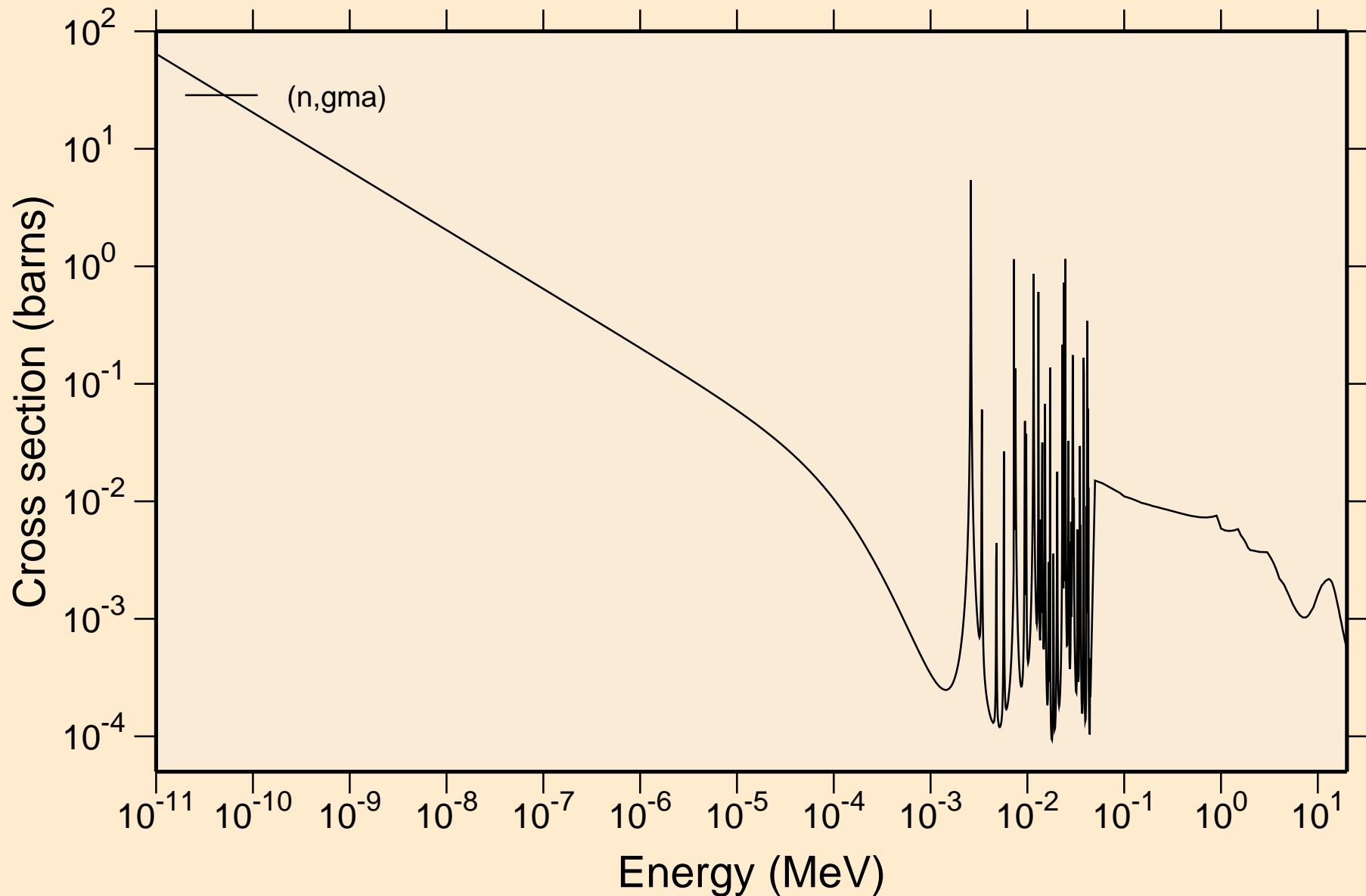
# ADVANCE CALCULATIONS

## Damage



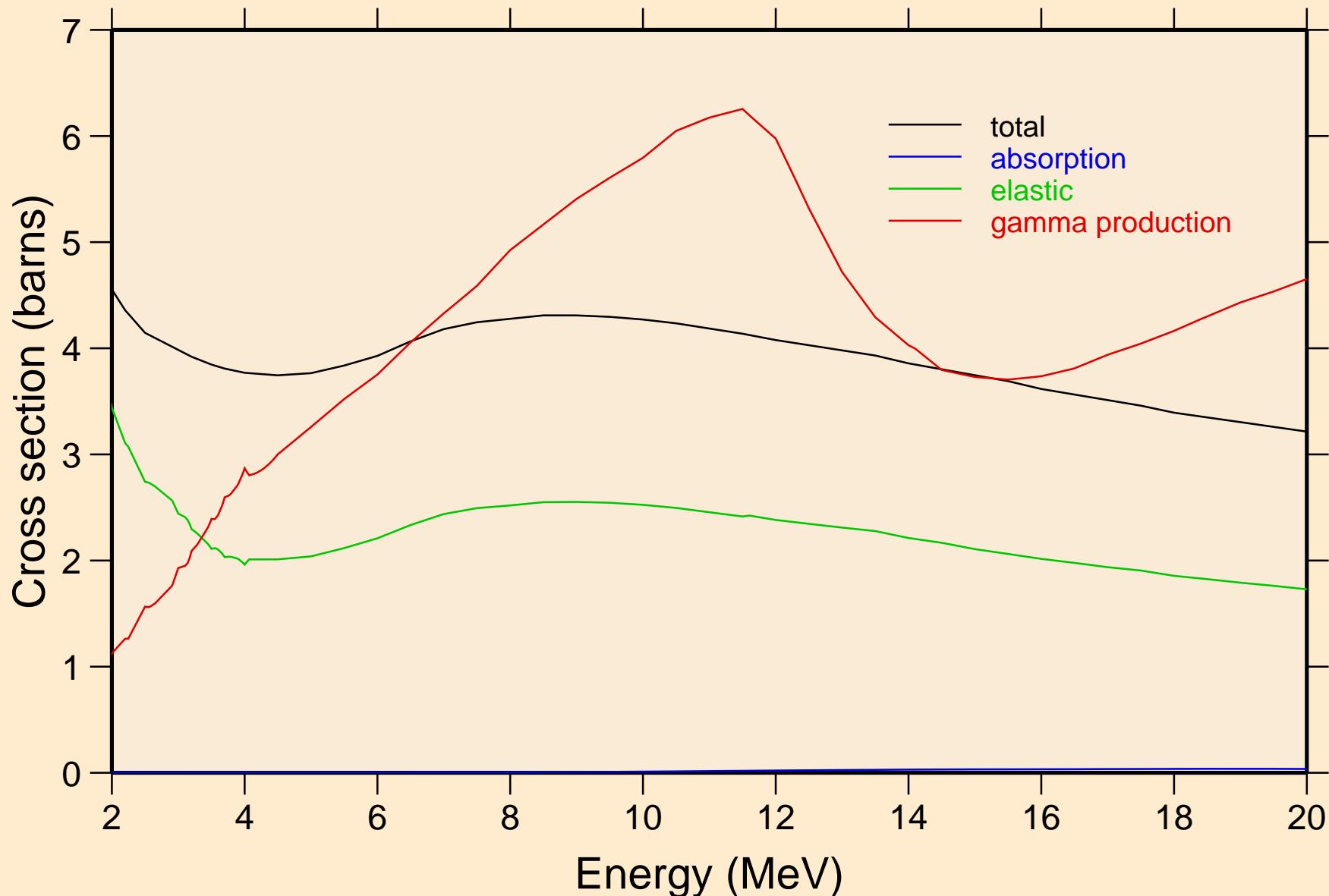
# ADVANCE CALCULATIONS

## Non-threshold reactions



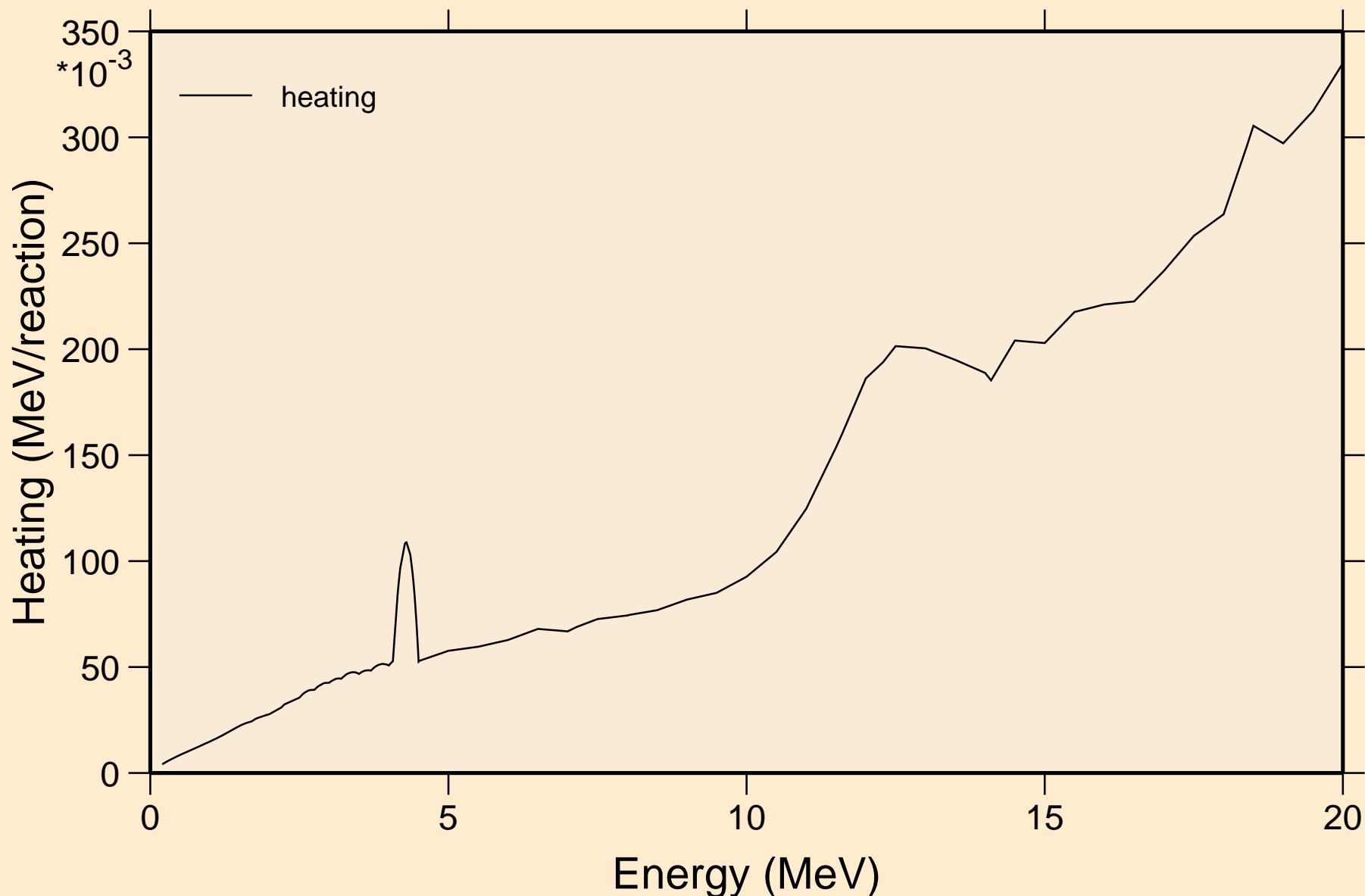
# ADVANCE CALCULATIONS

## Principal cross sections



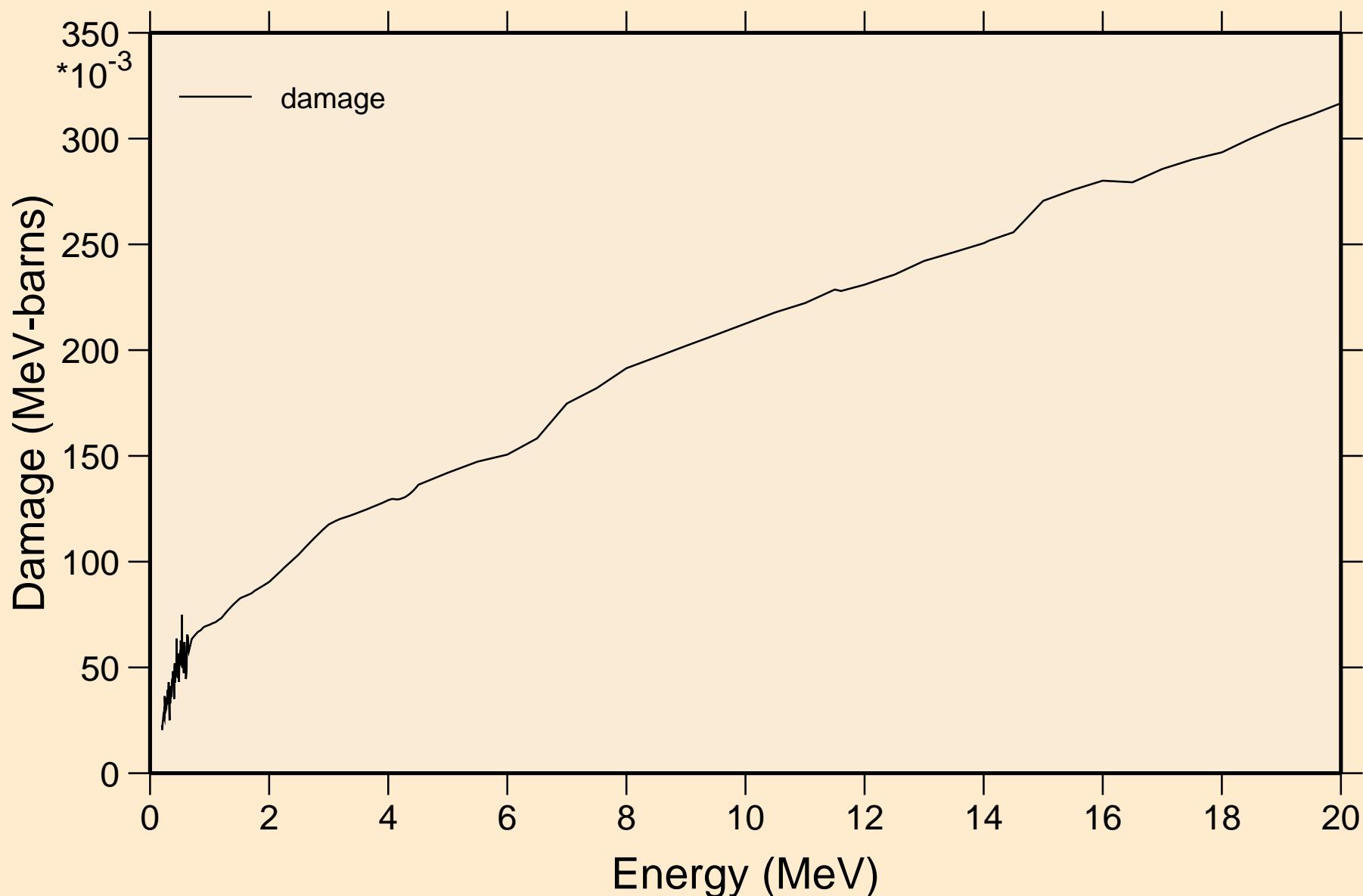
# ADVANCE CALCULATIONS

## Heating



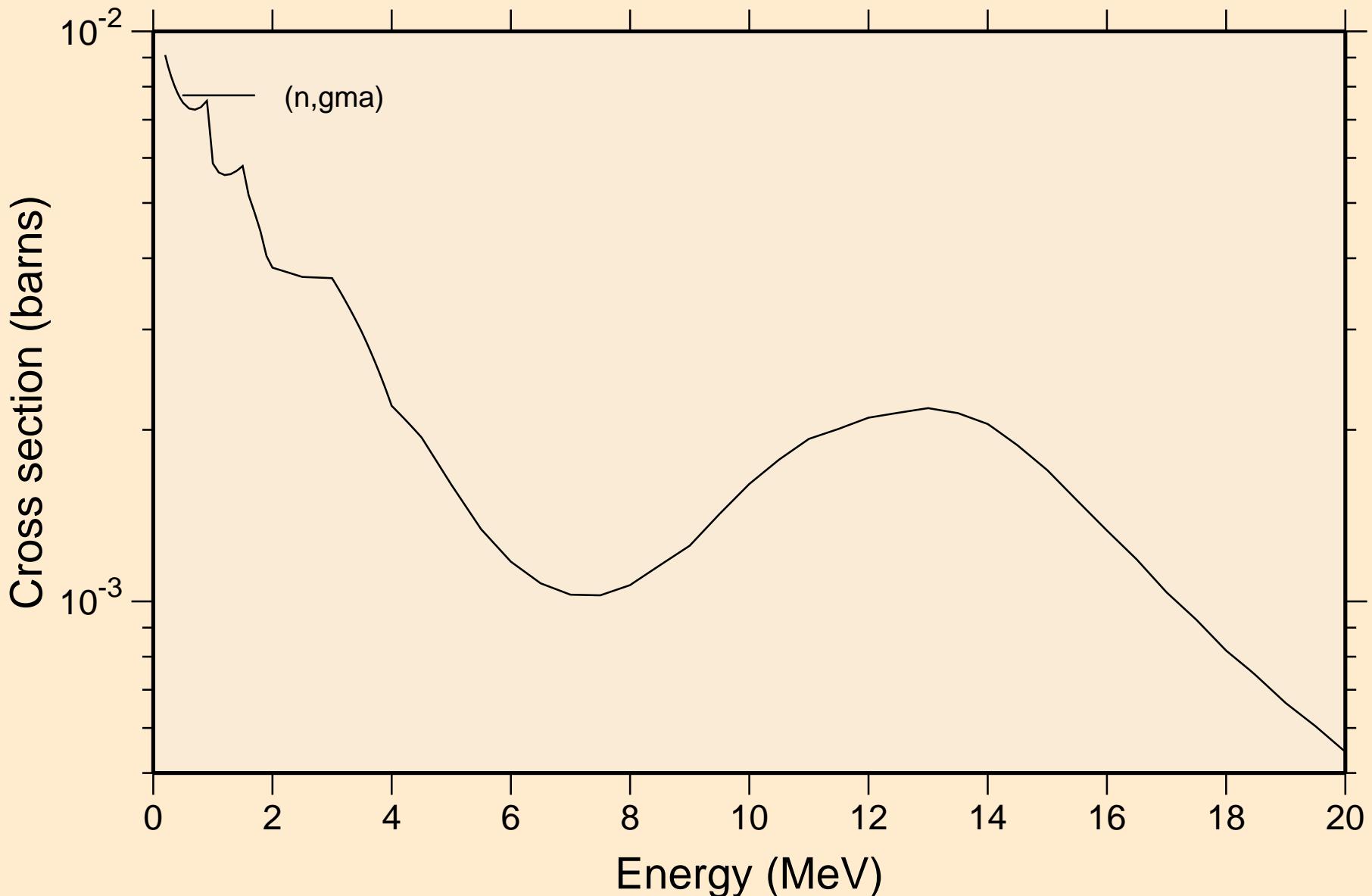
# ADVANCE CALCULATIONS

## Damage



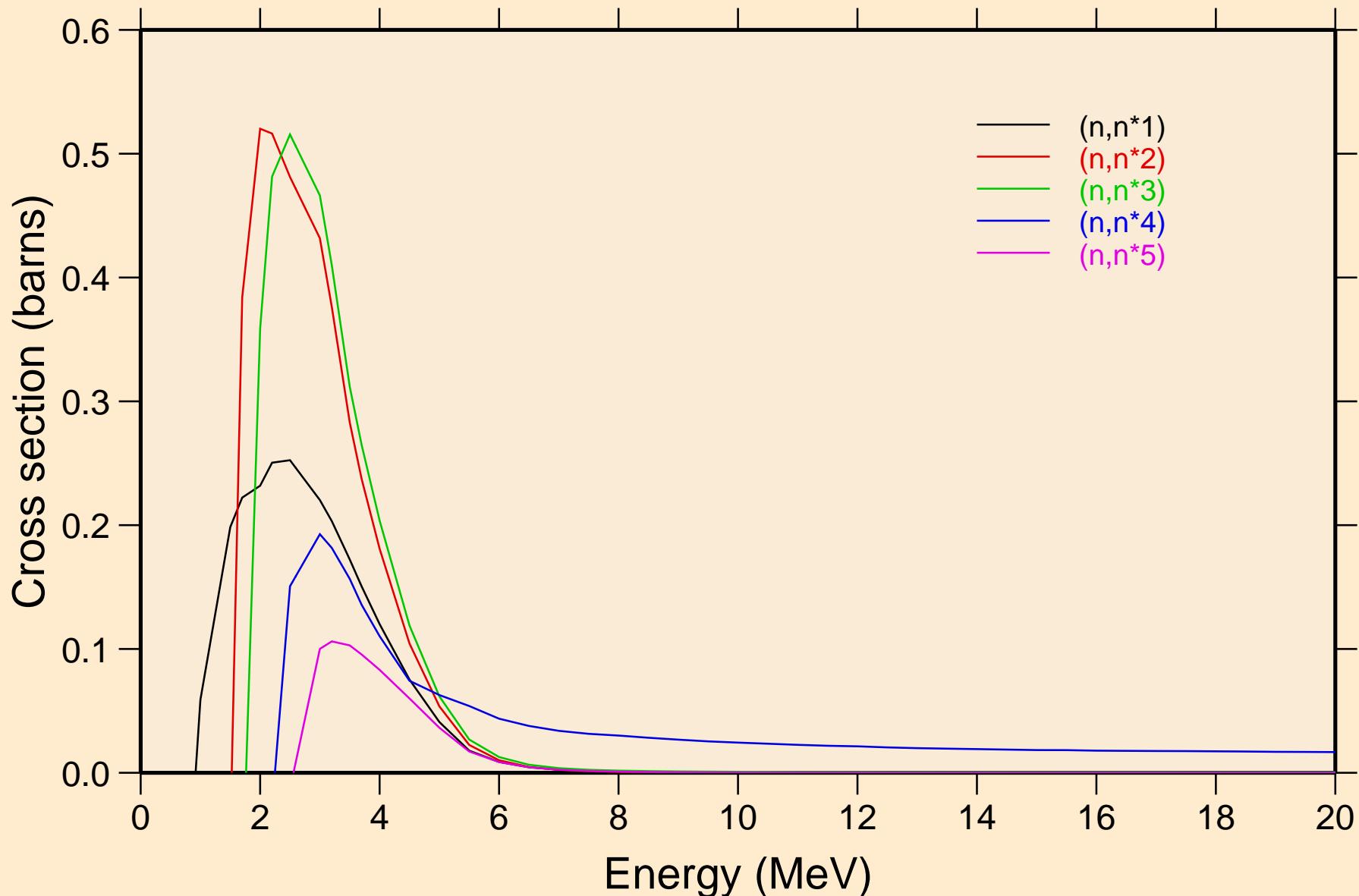
# ADVANCE CALCULATIONS

## Non-threshold reactions



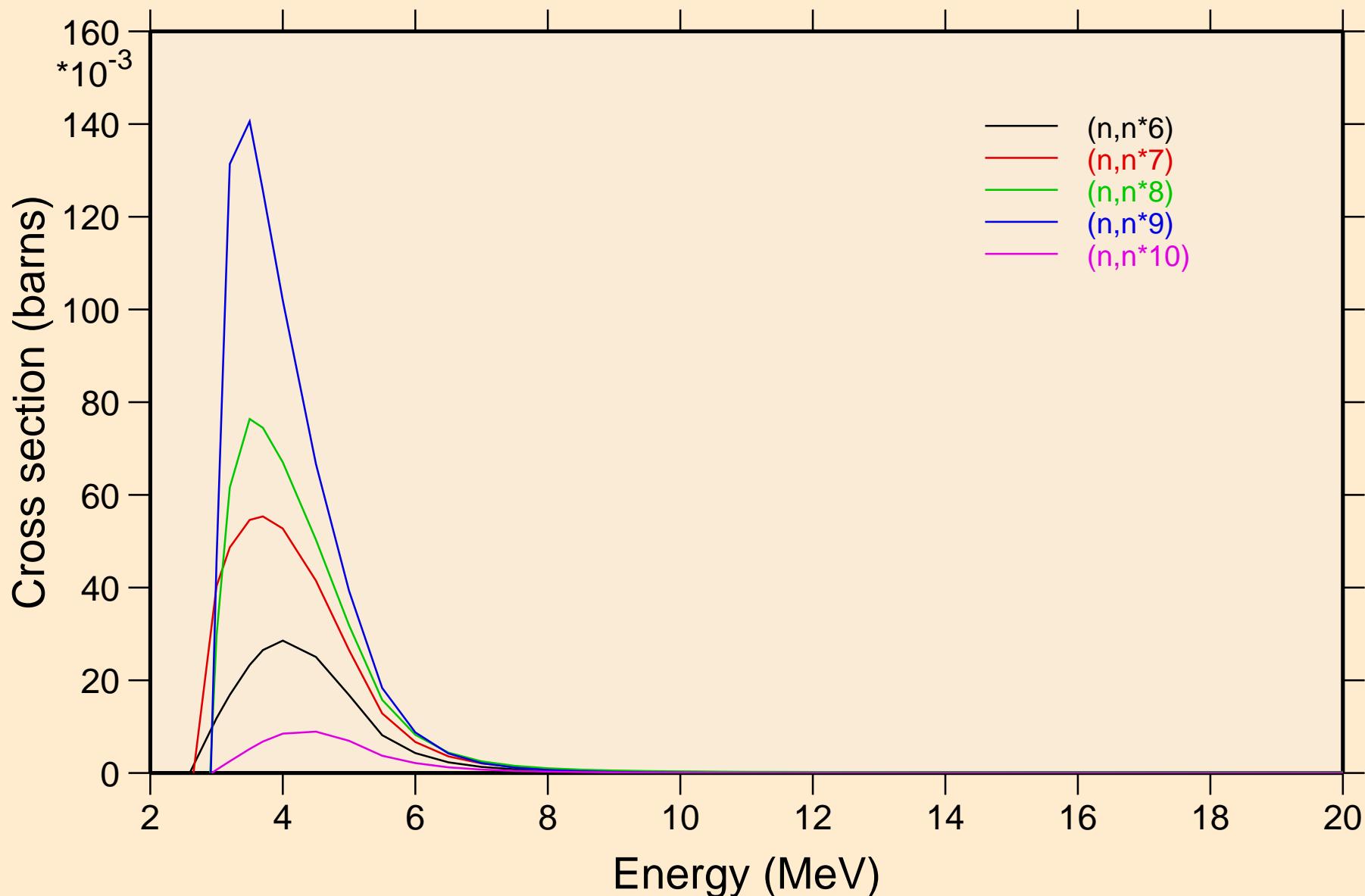
# ADVANCE CALCULATIONS

## Inelastic levels



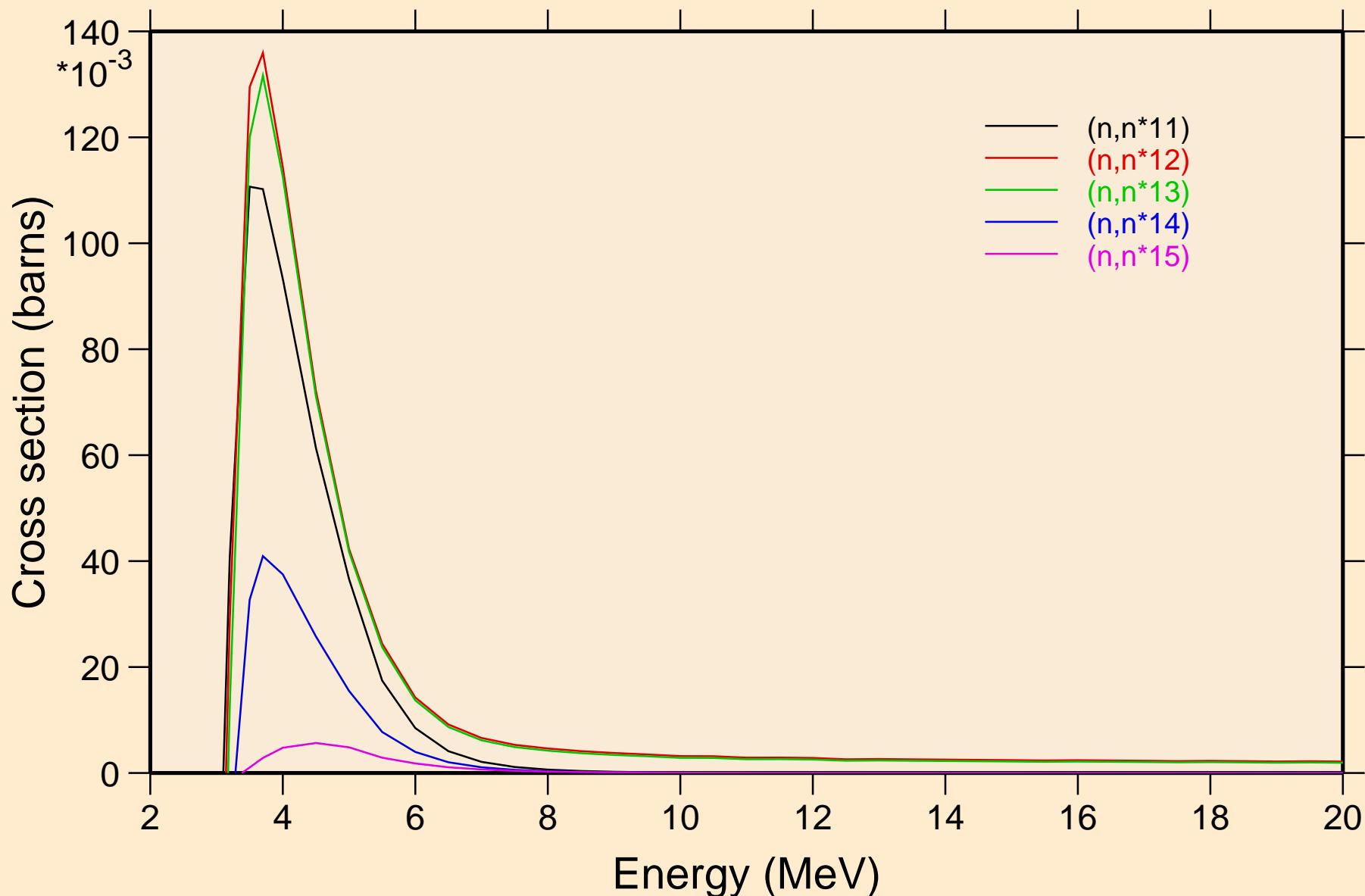
# ADVANCE CALCULATIONS

## Inelastic levels



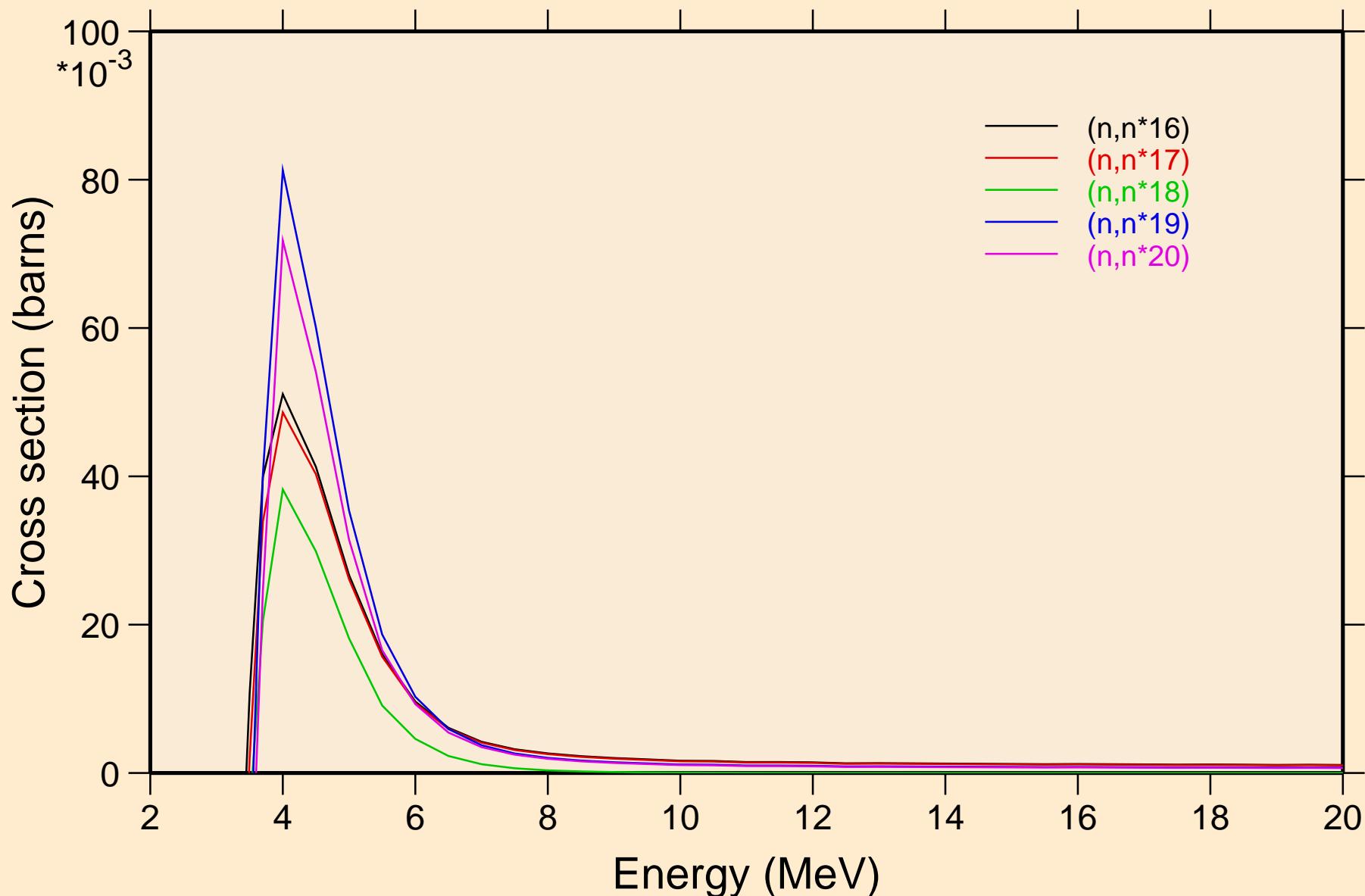
# ADVANCE CALCULATIONS

## Inelastic levels



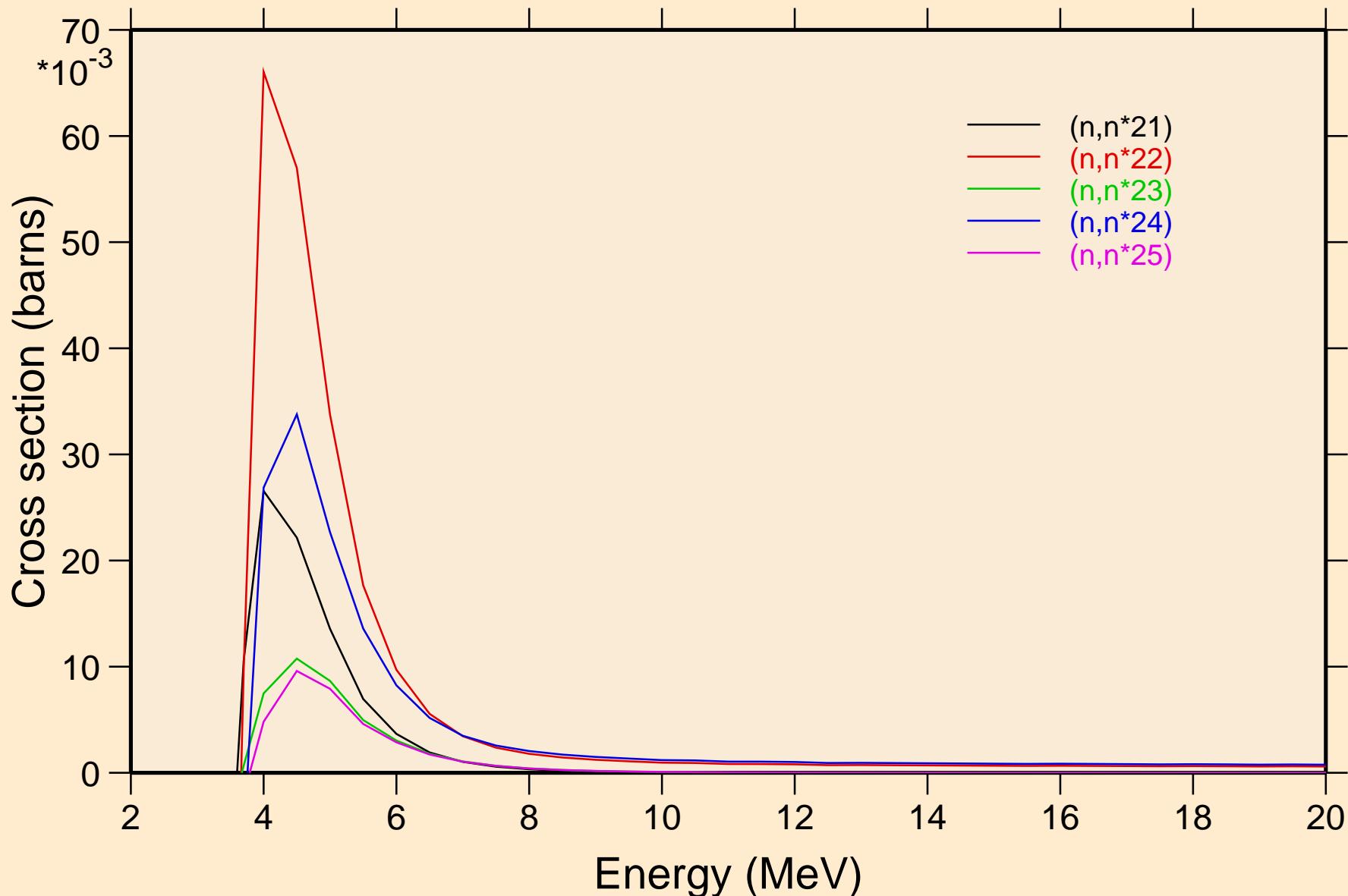
# ADVANCE CALCULATIONS

## Inelastic levels



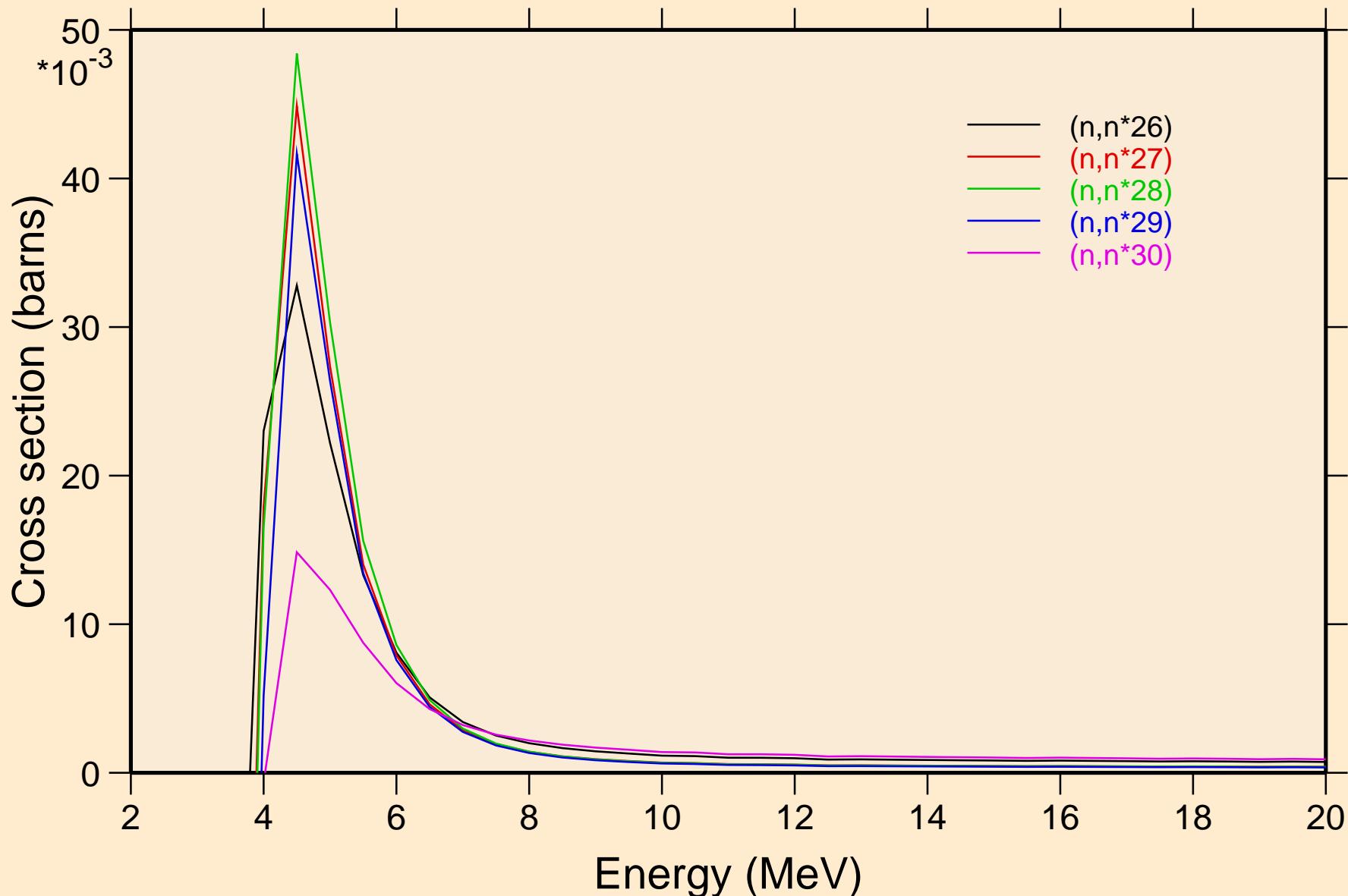
# ADVANCE CALCULATIONS

## Inelastic levels



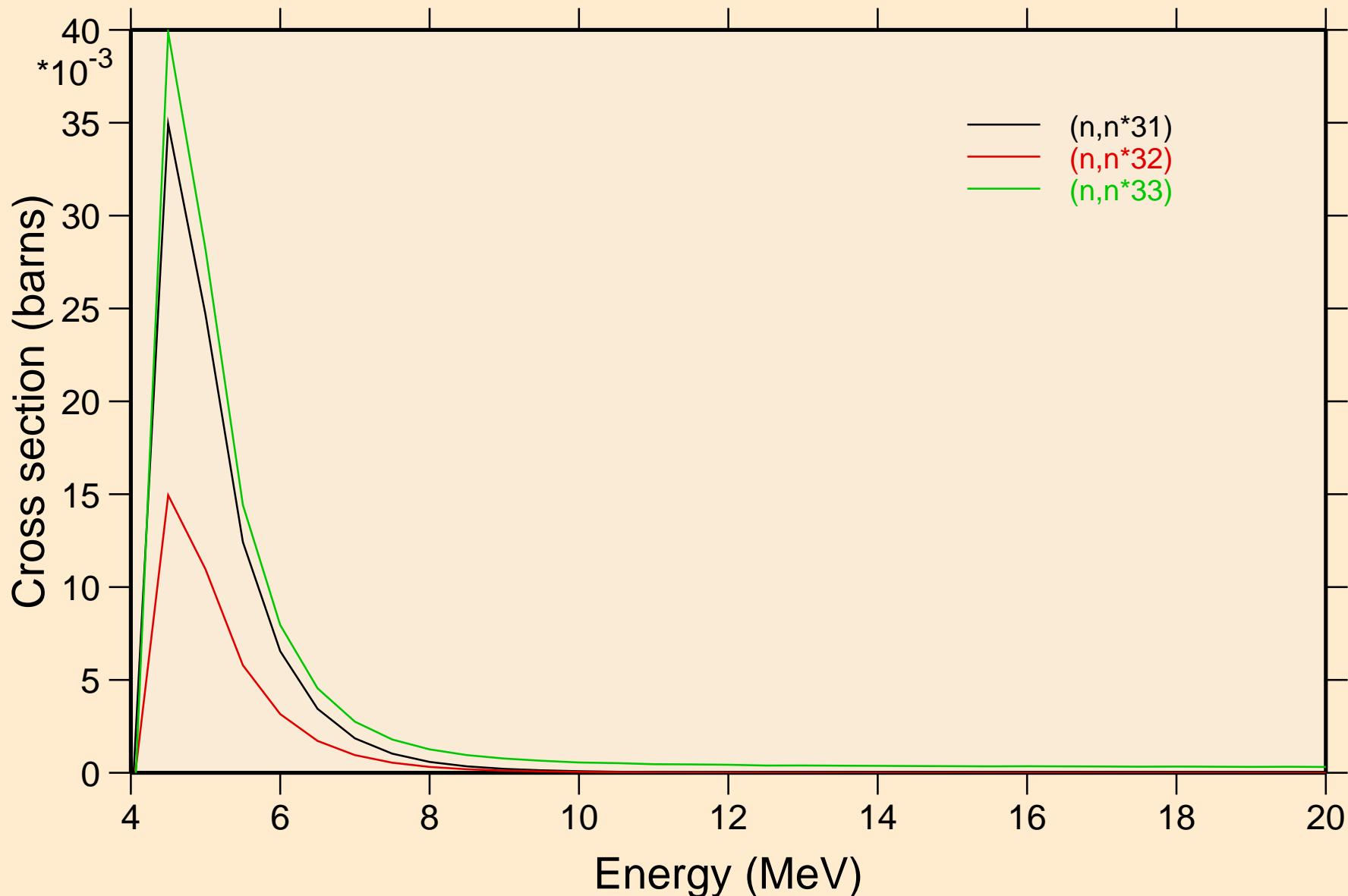
# ADVANCE CALCULATIONS

## Inelastic levels



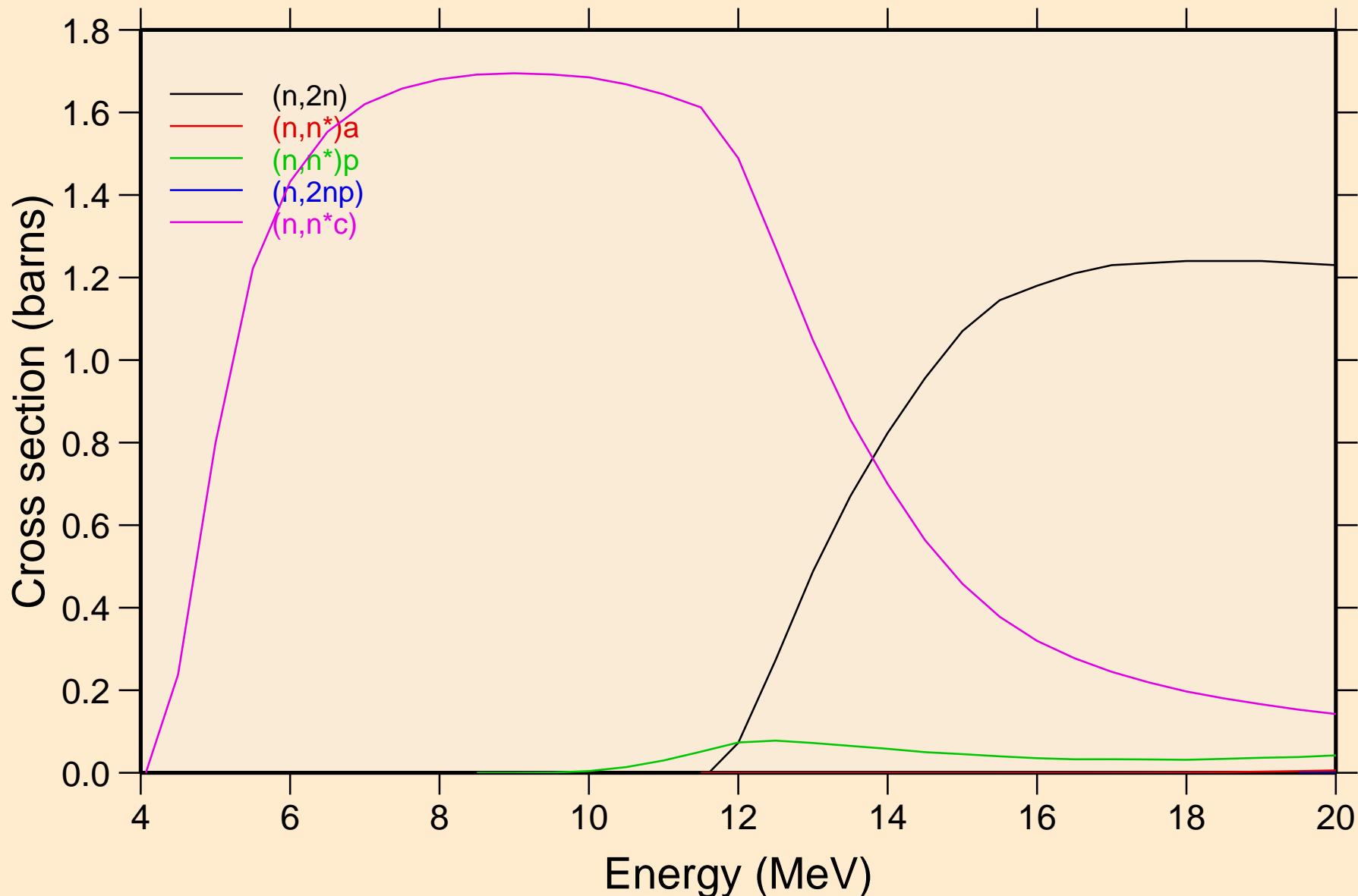
# ADVANCE CALCULATIONS

## Inelastic levels



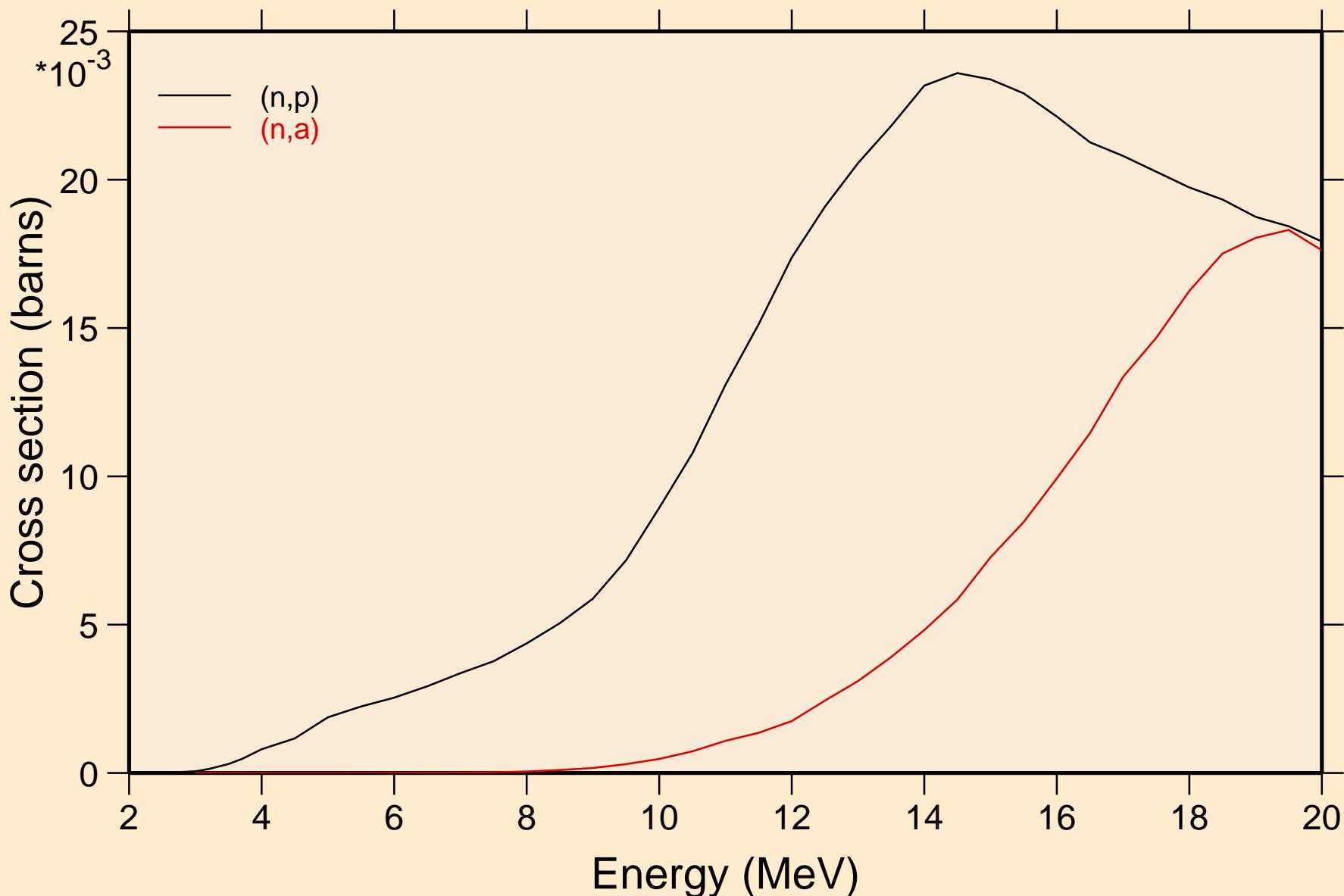
# ADVANCE CALCULATIONS

## Threshold reactions



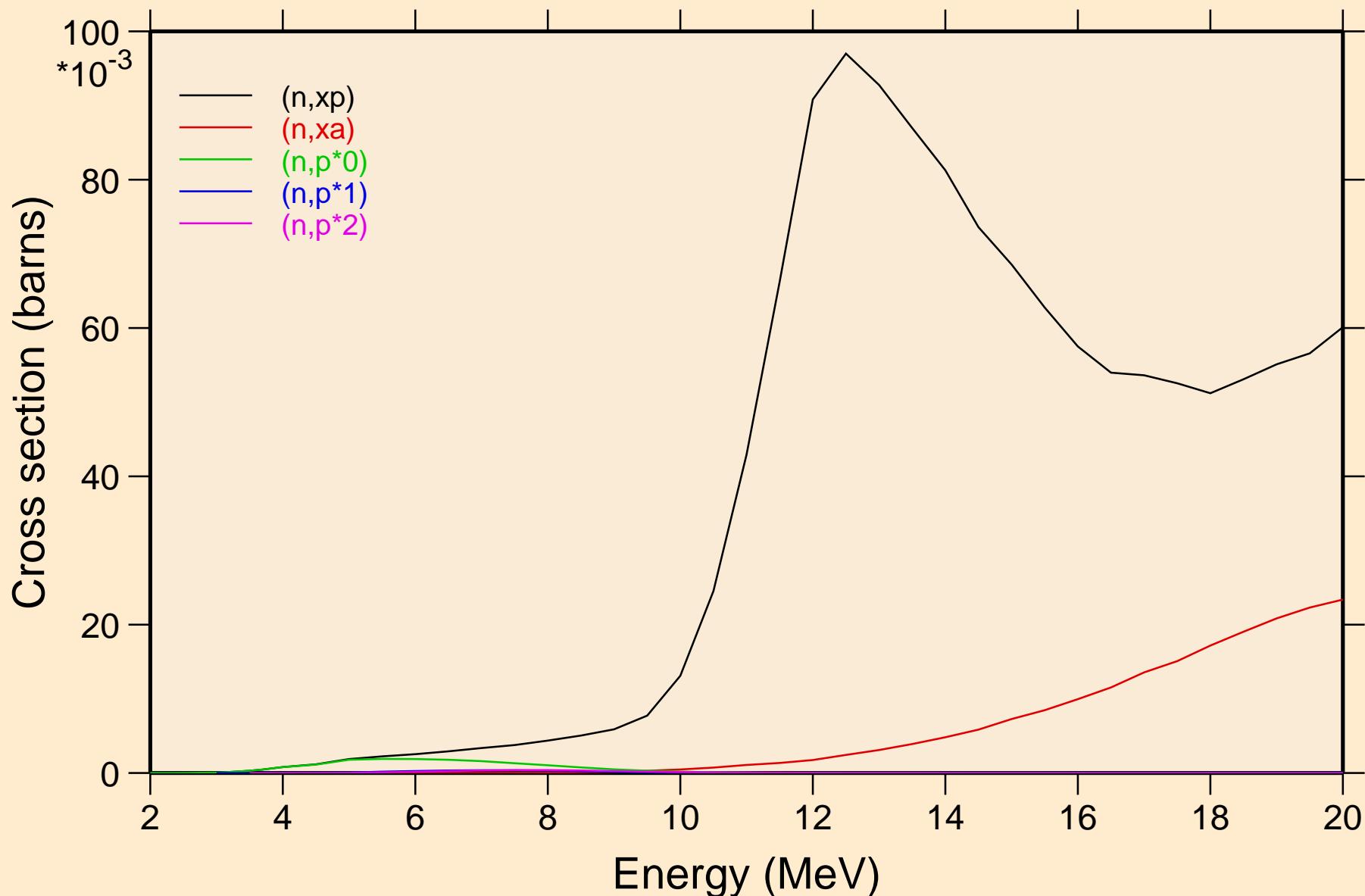
# ADVANCE CALCULATIONS

## Threshold reactions



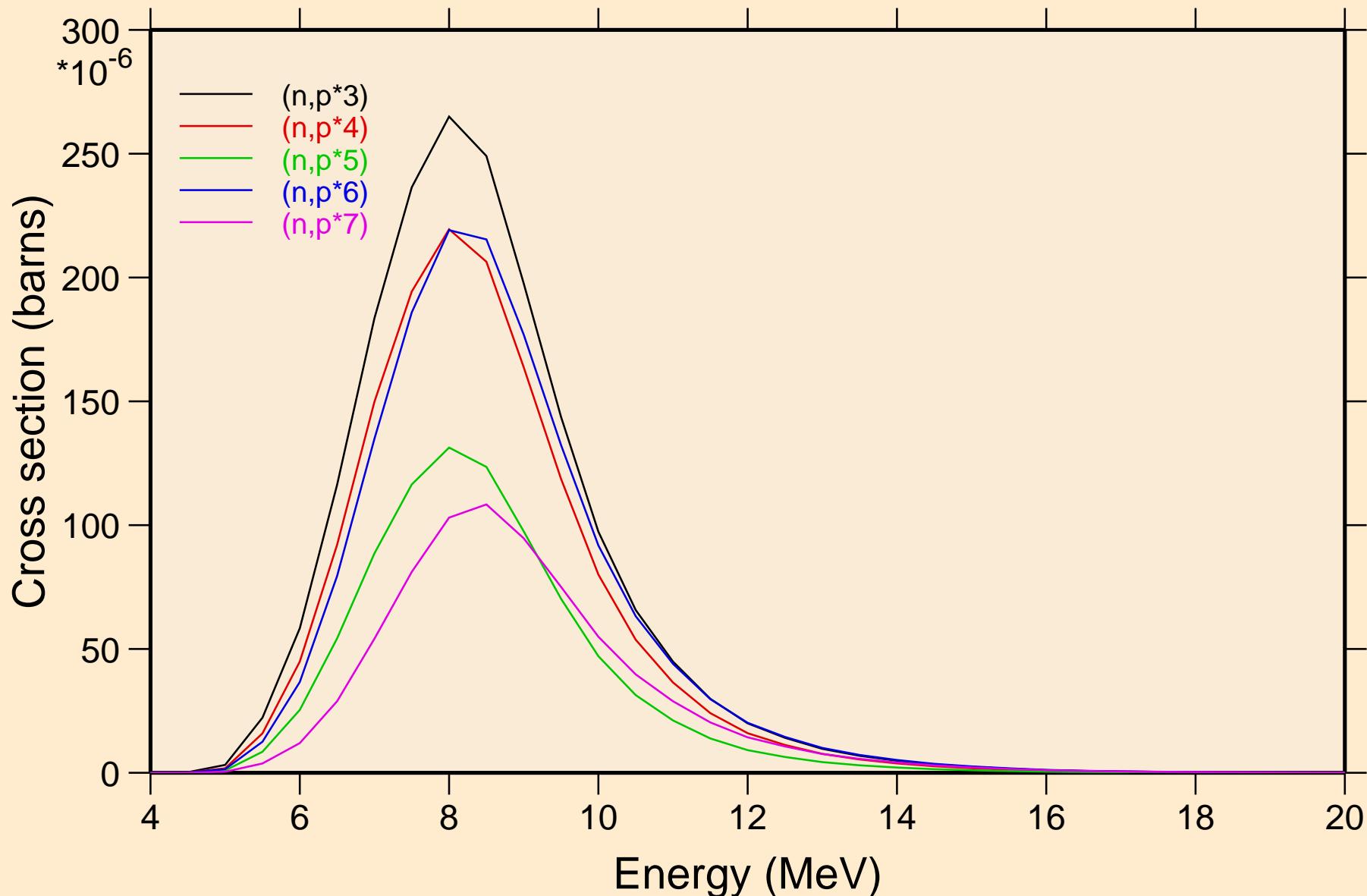
# ADVANCE CALCULATIONS

## Threshold reactions



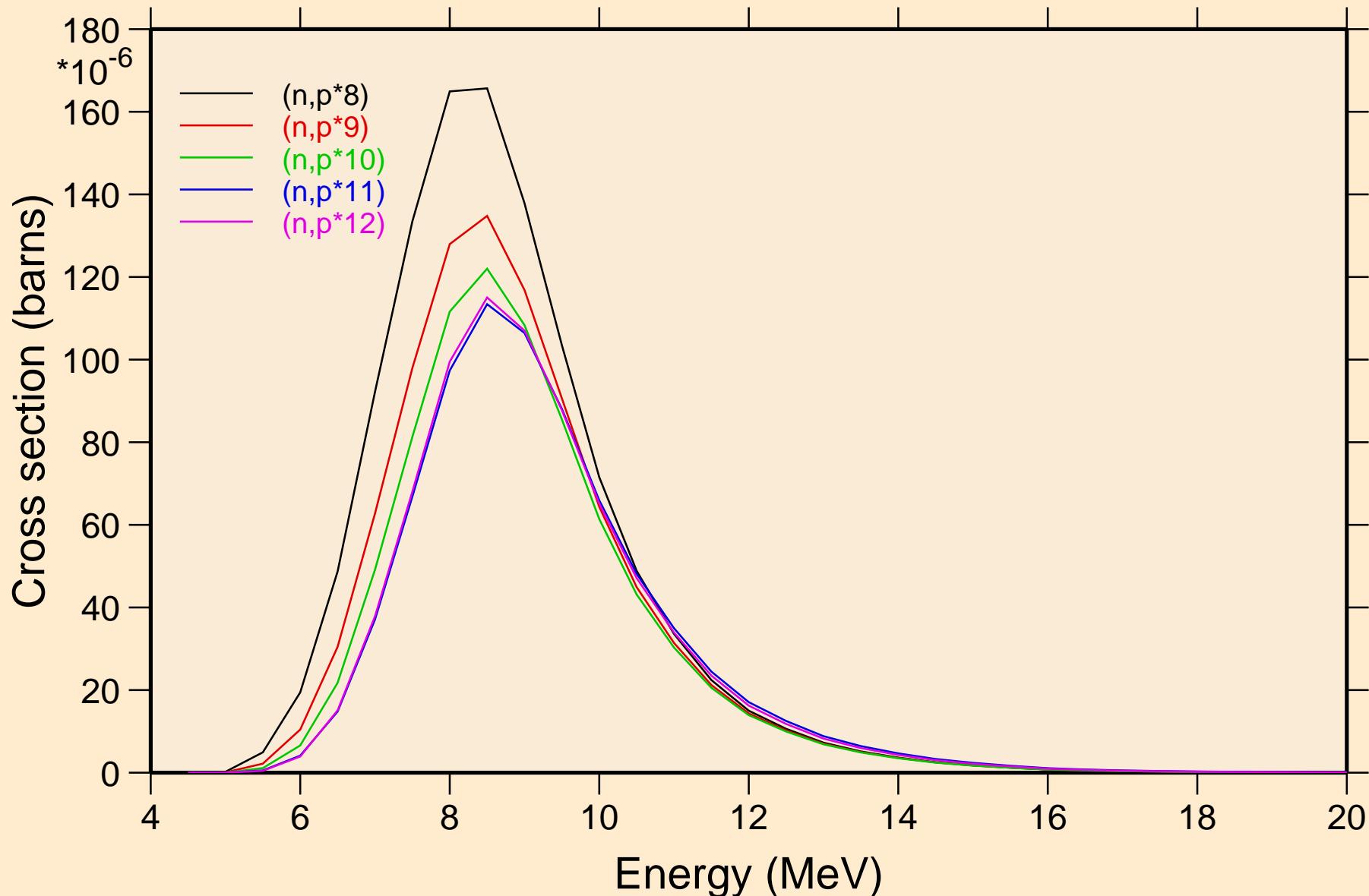
# ADVANCE CALCULATIONS

## Threshold reactions



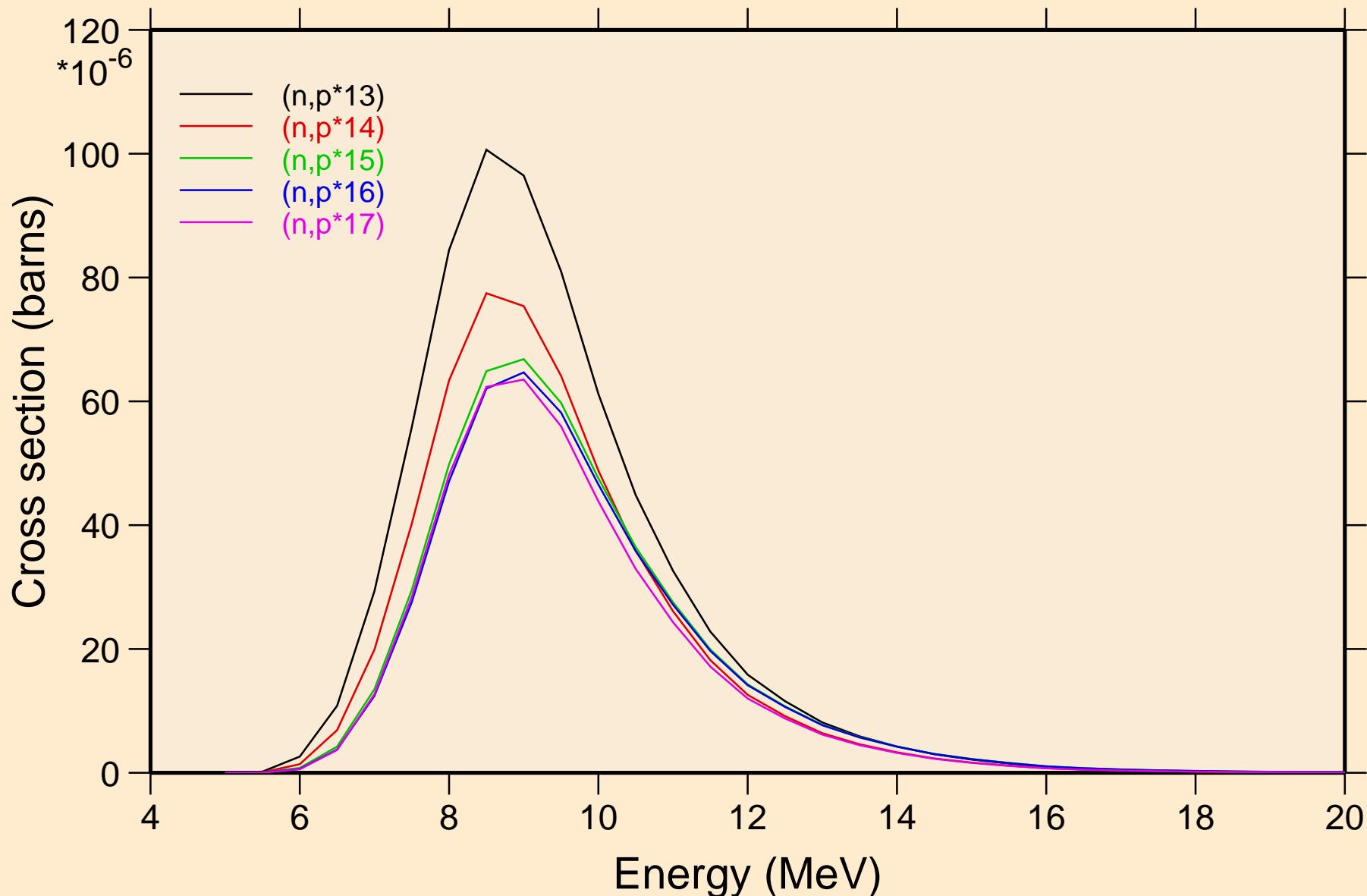
# ADVANCE CALCULATIONS

## Threshold reactions



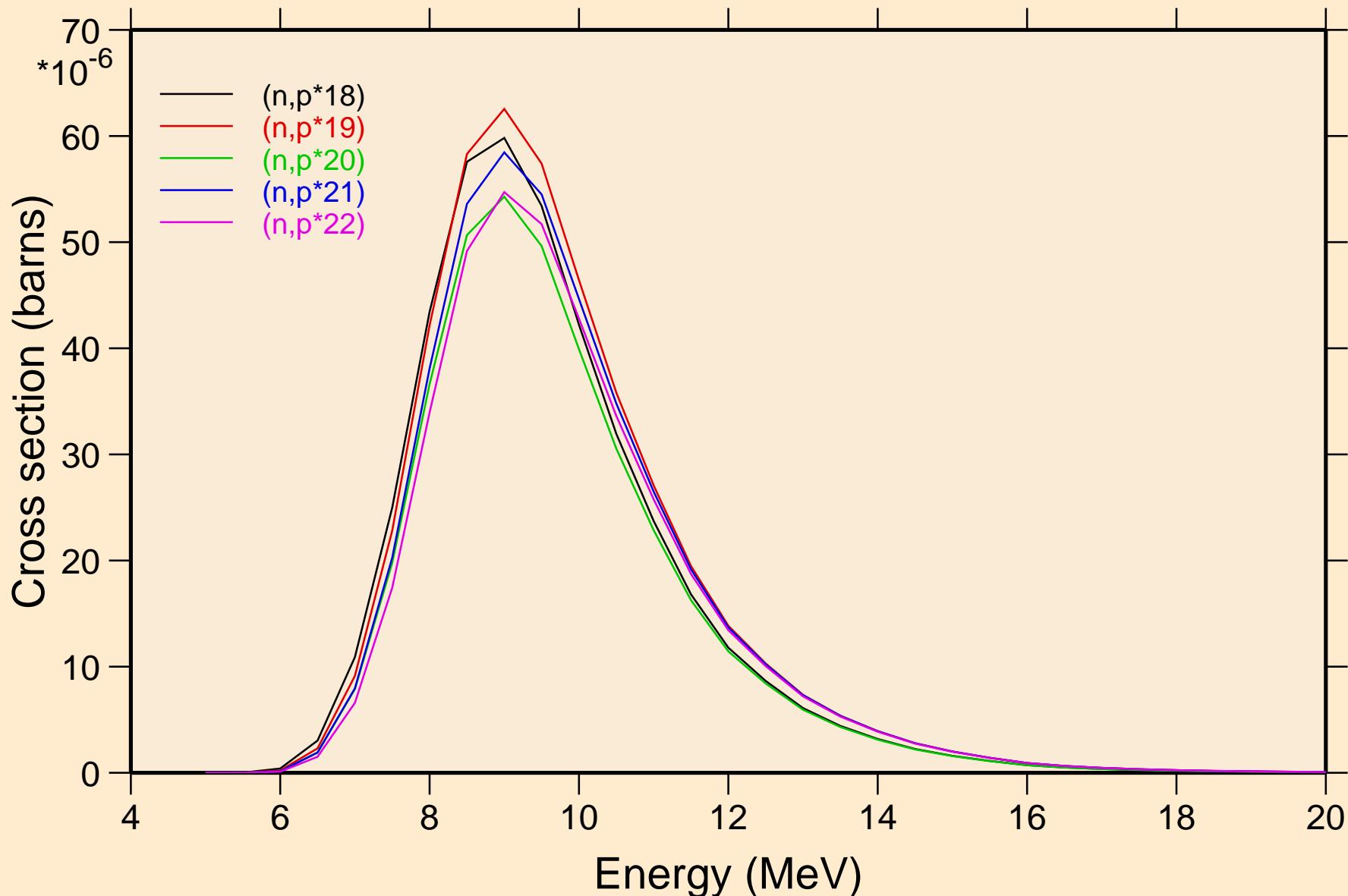
# ADVANCE CALCULATIONS

## Threshold reactions



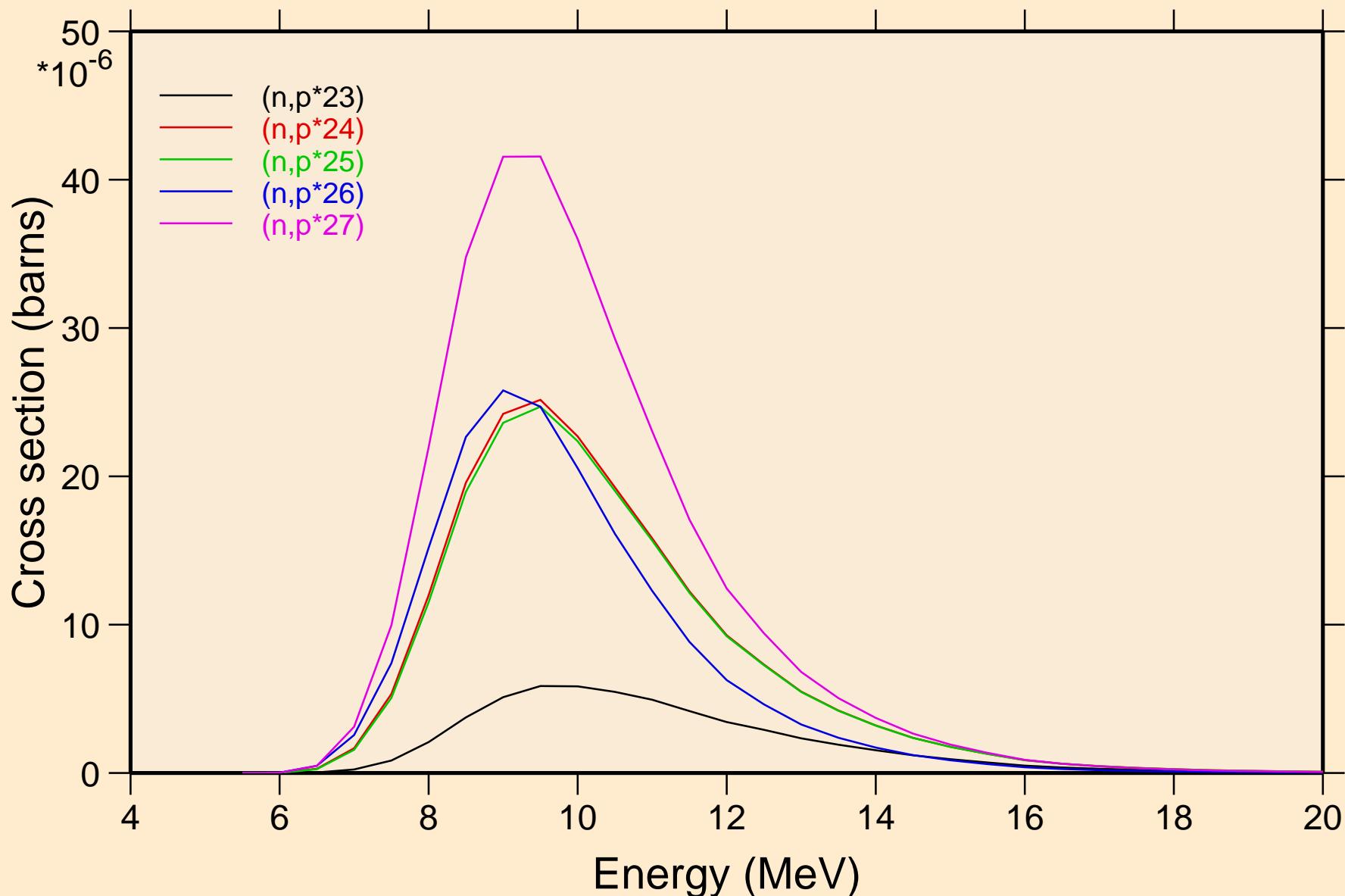
# ADVANCE CALCULATIONS

## Threshold reactions



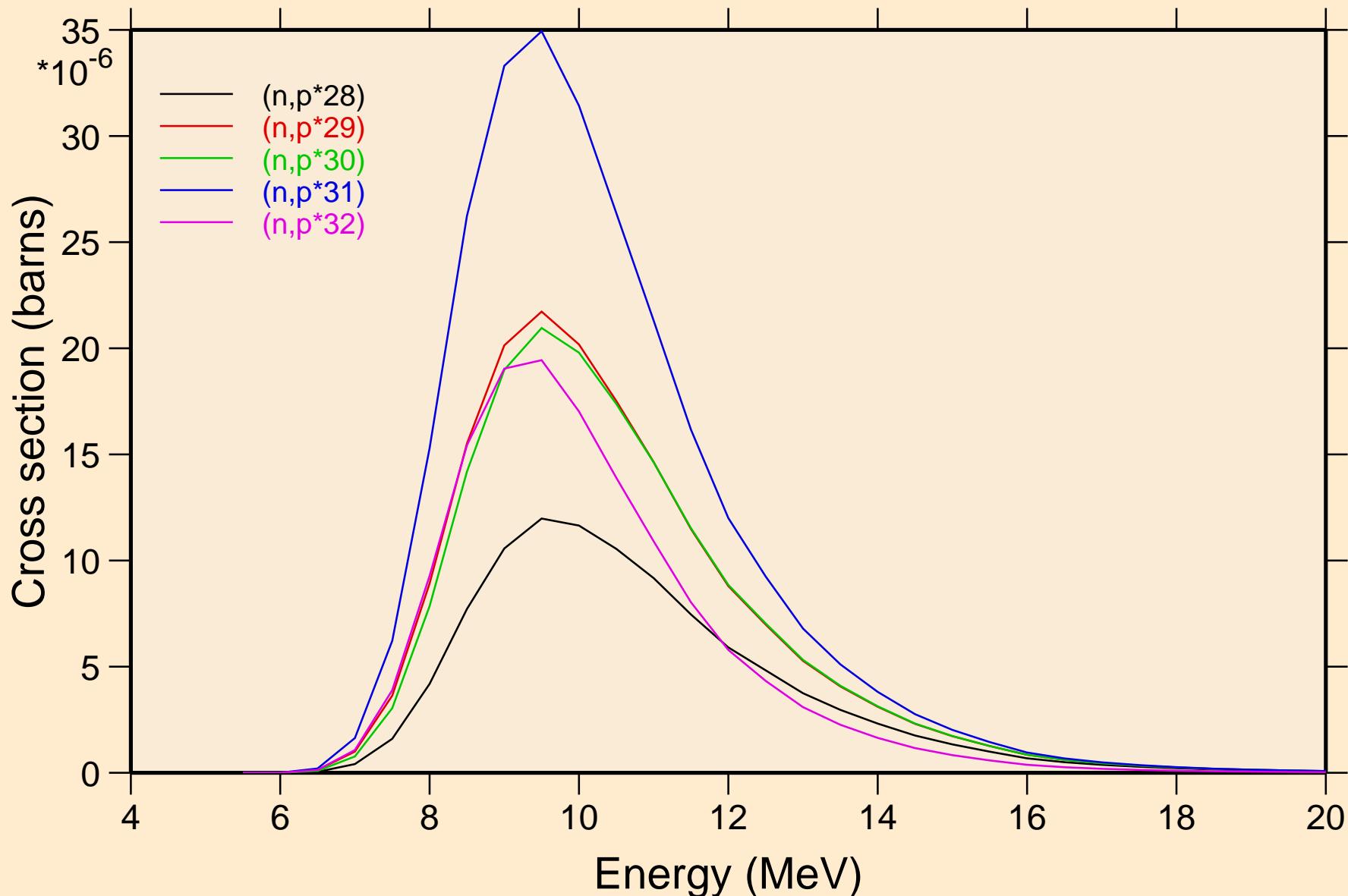
# ADVANCE CALCULATIONS

## Threshold reactions



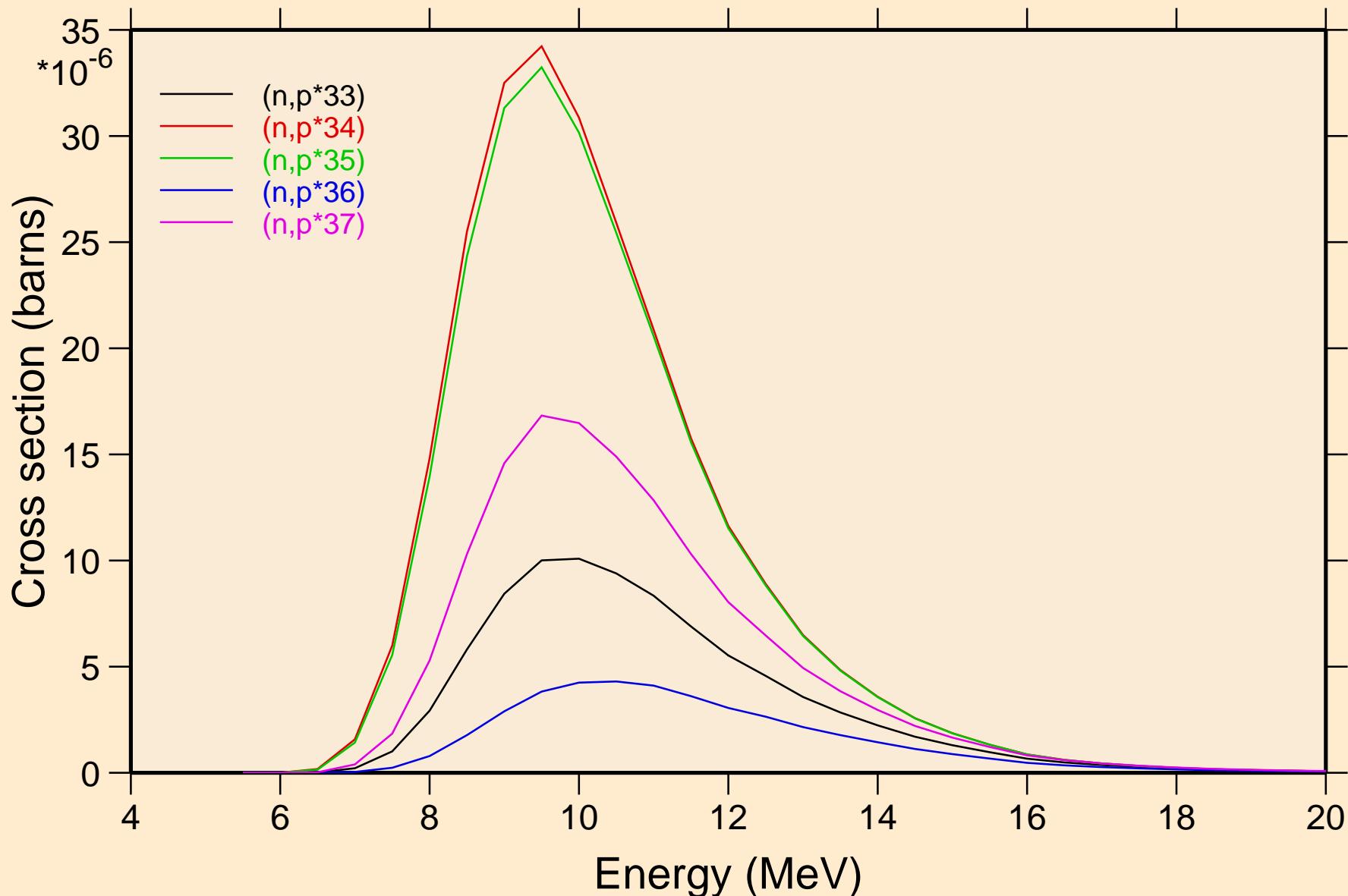
# ADVANCE CALCULATIONS

## Threshold reactions



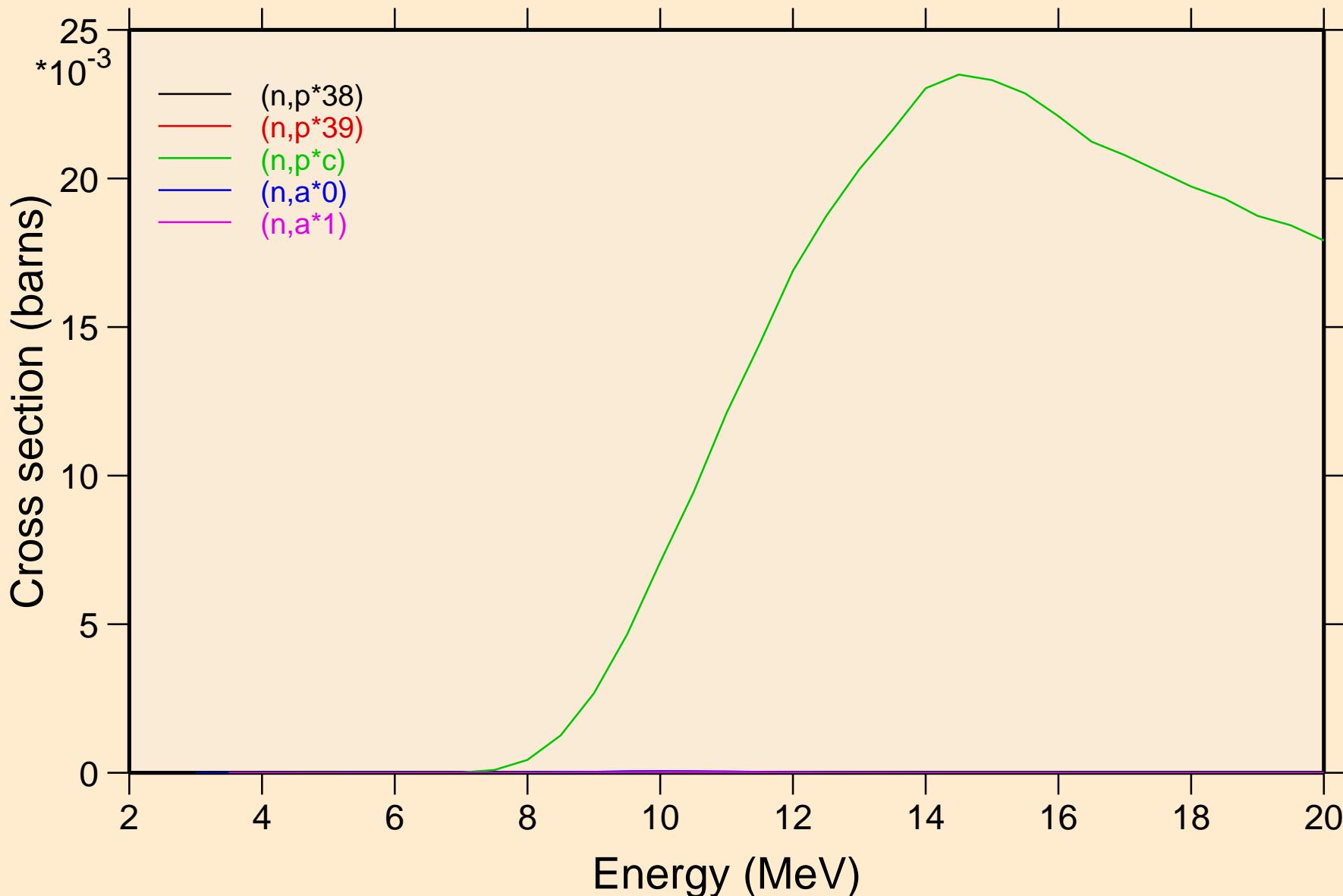
# ADVANCE CALCULATIONS

## Threshold reactions



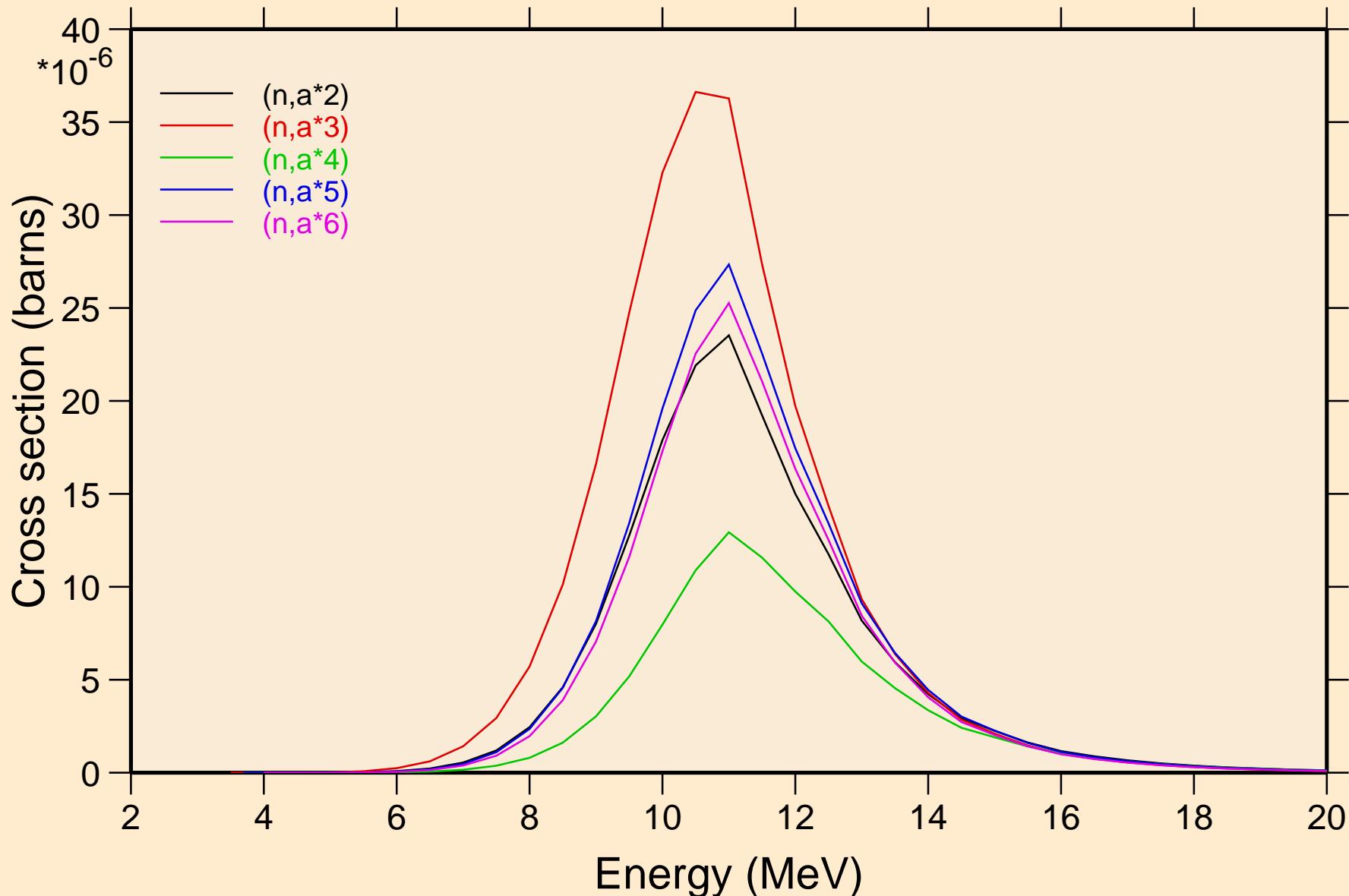
# ADVANCE CALCULATIONS

## Threshold reactions



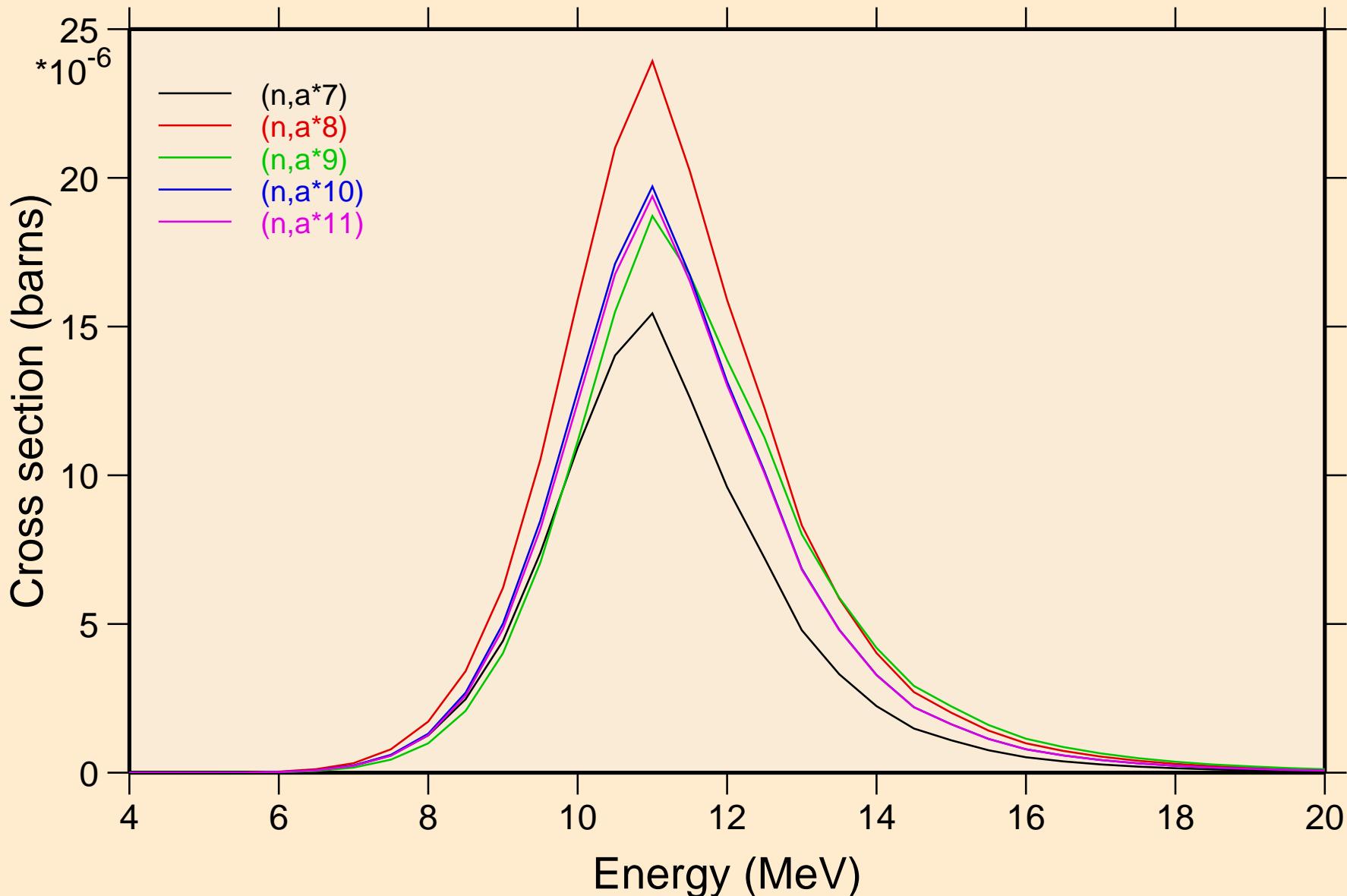
# ADVANCE CALCULATIONS

## Threshold reactions



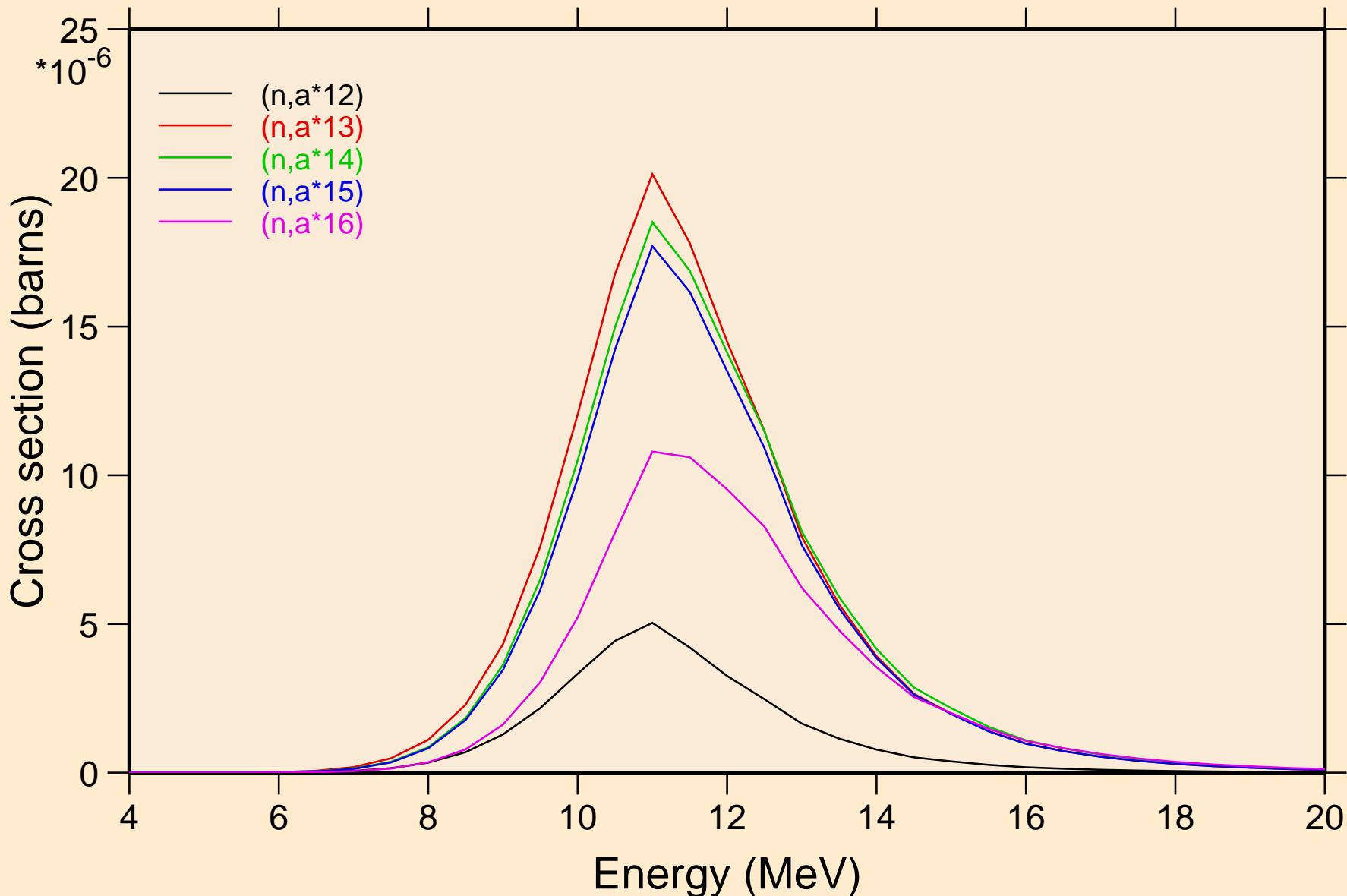
# ADVANCE CALCULATIONS

## Threshold reactions



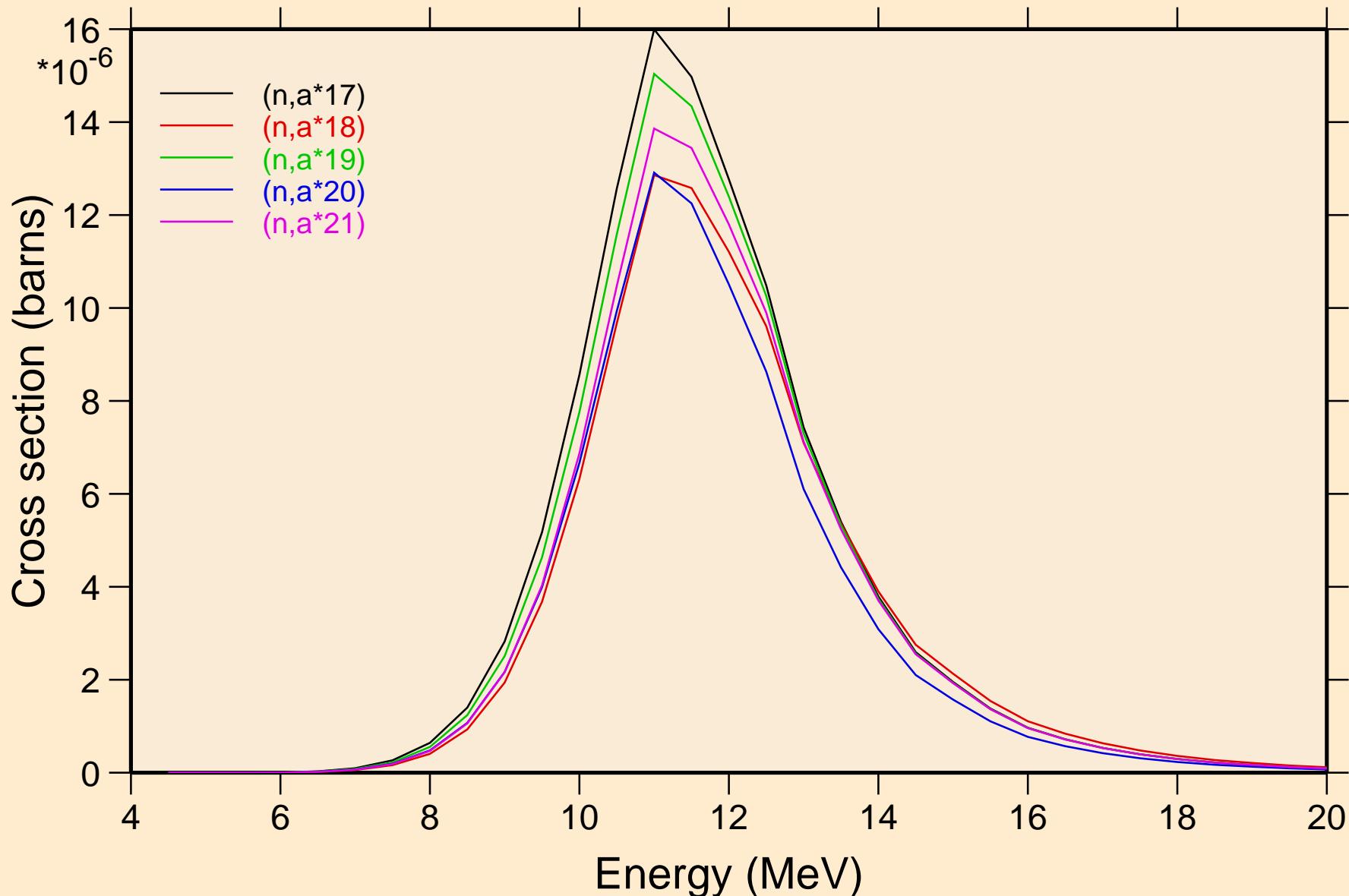
# ADVANCE CALCULATIONS

## Threshold reactions



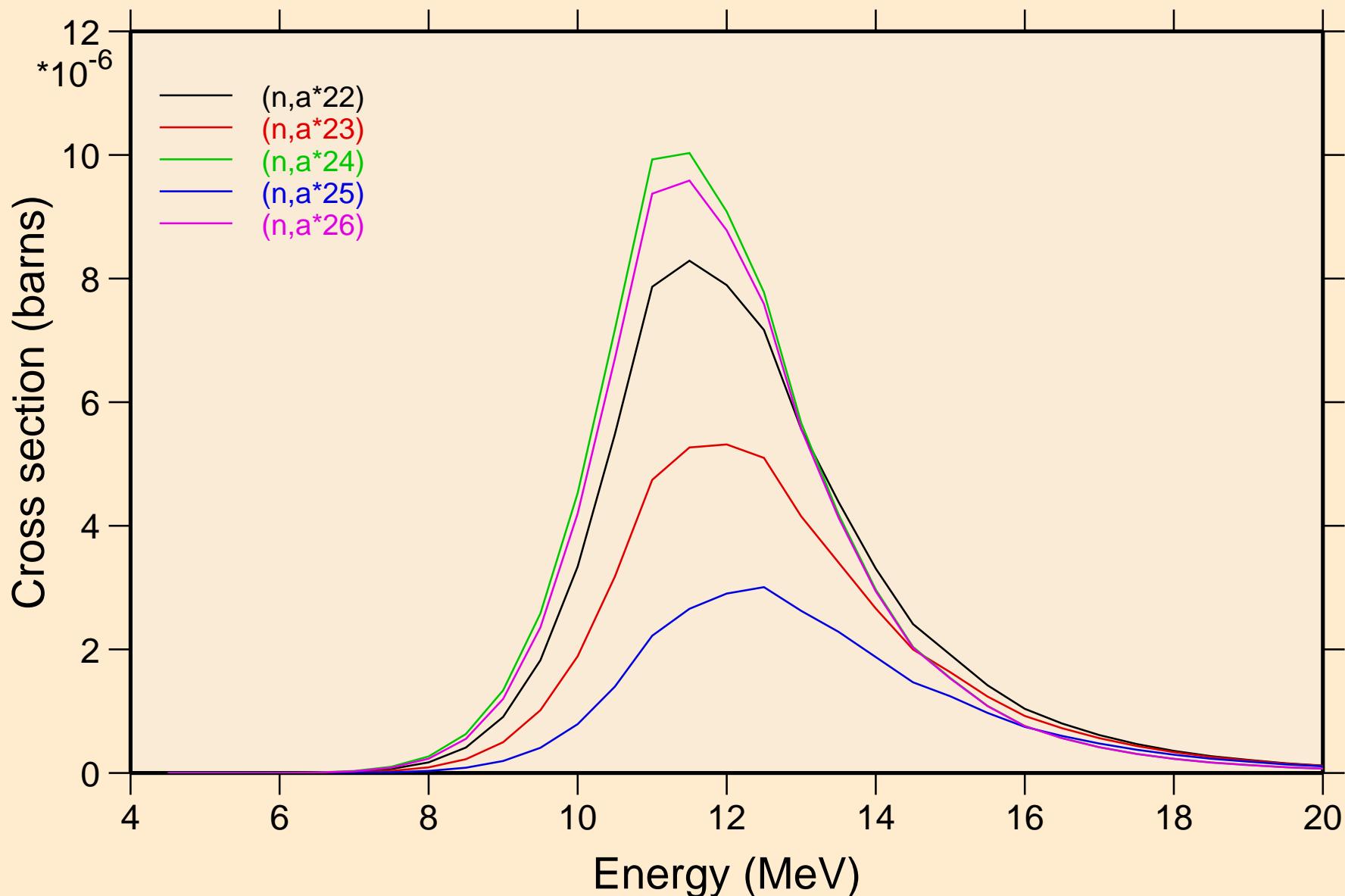
# ADVANCE CALCULATIONS

## Threshold reactions



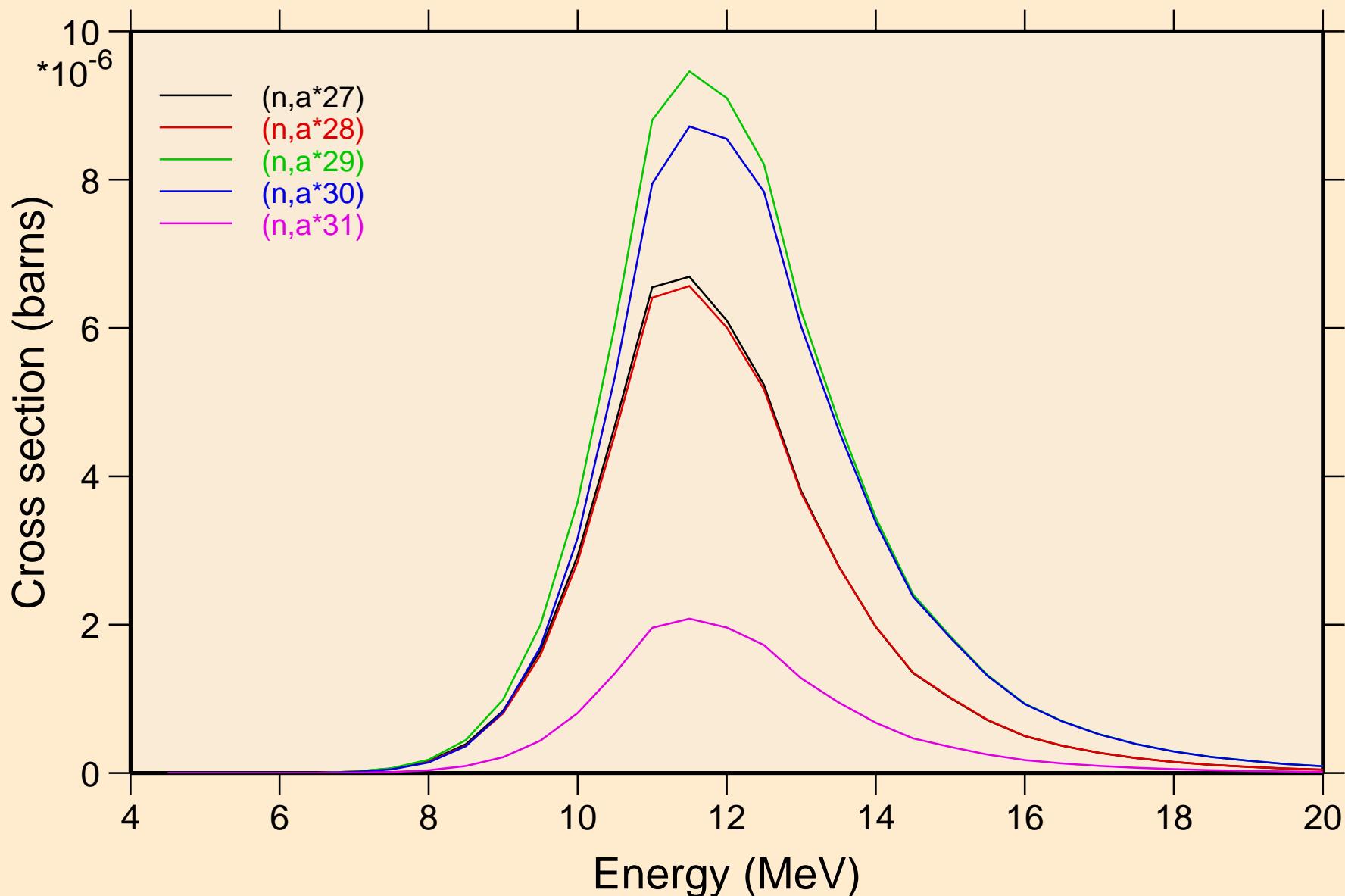
# ADVANCE CALCULATIONS

## Threshold reactions



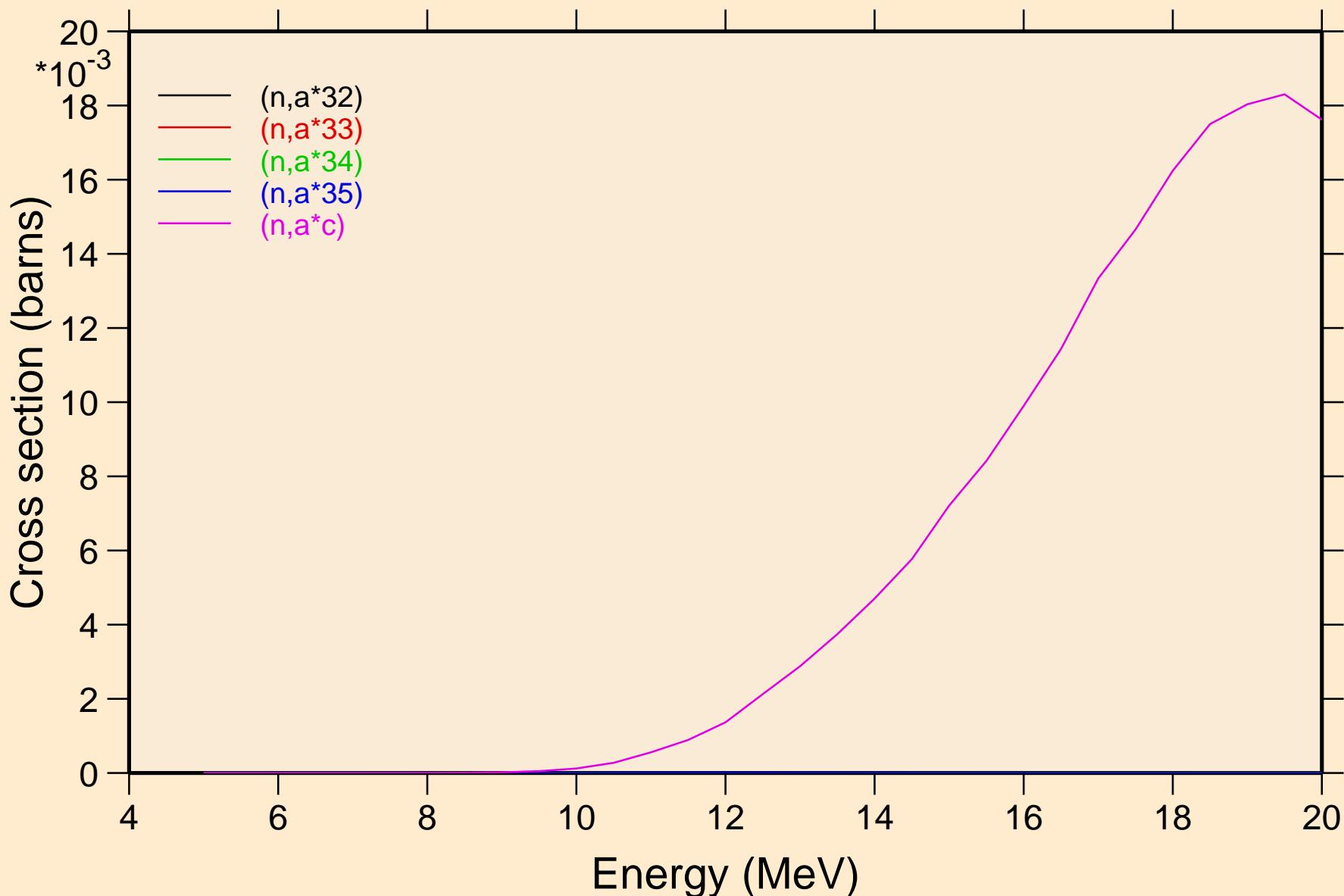
# ADVANCE CALCULATIONS

## Threshold reactions



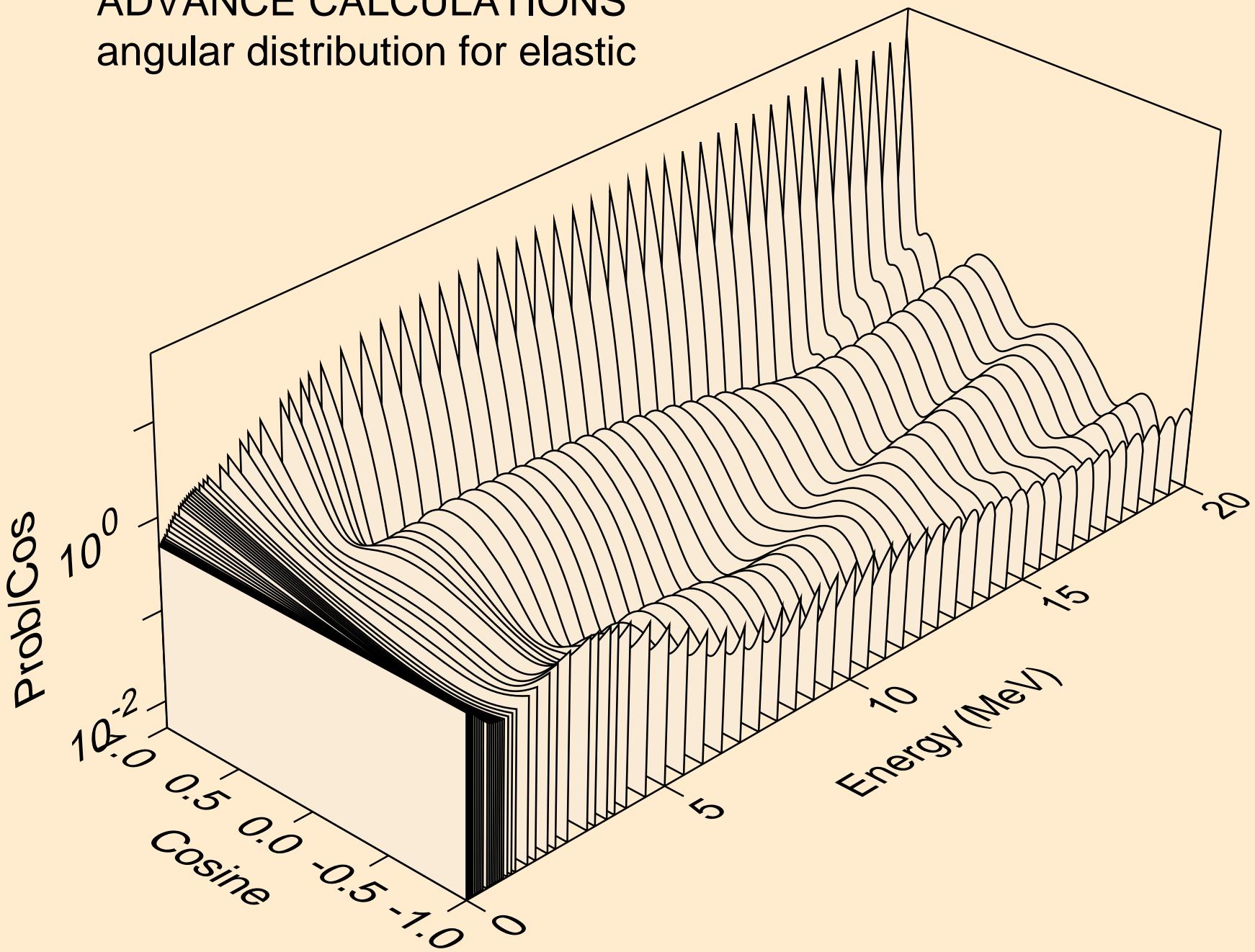
# ADVANCE CALCULATIONS

## Threshold reactions



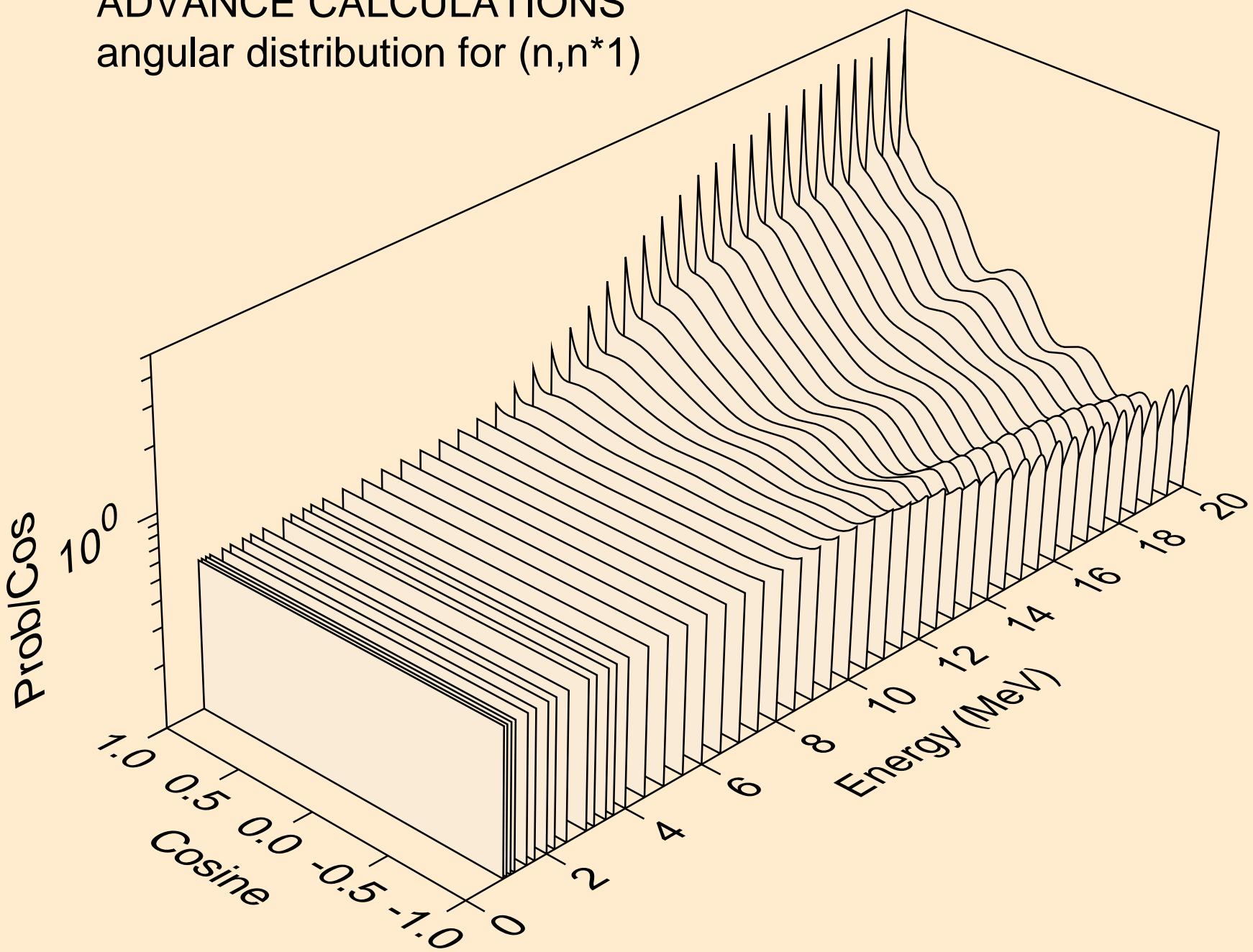
# ADVANCE CALCULATIONS

angular distribution for elastic



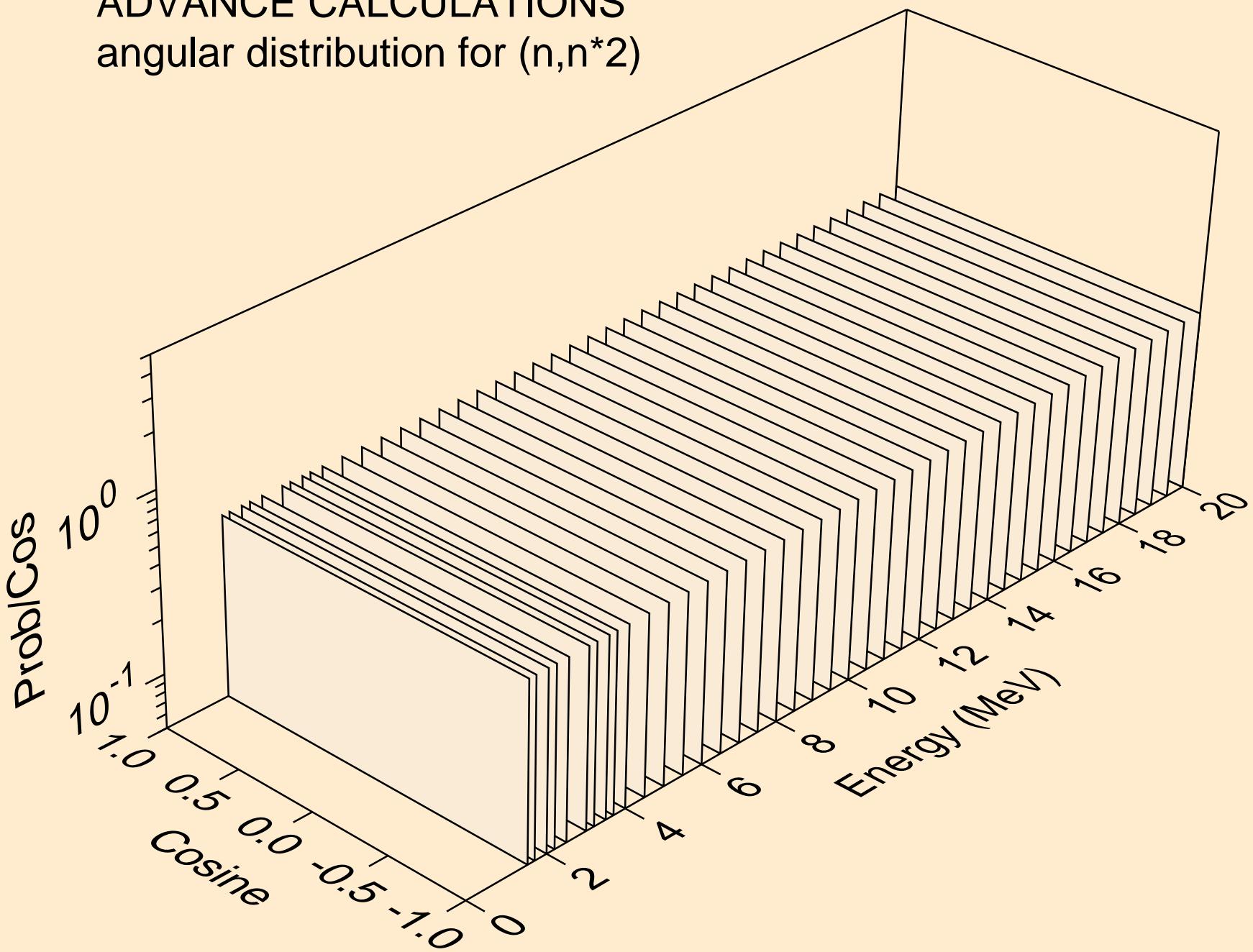
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*)$



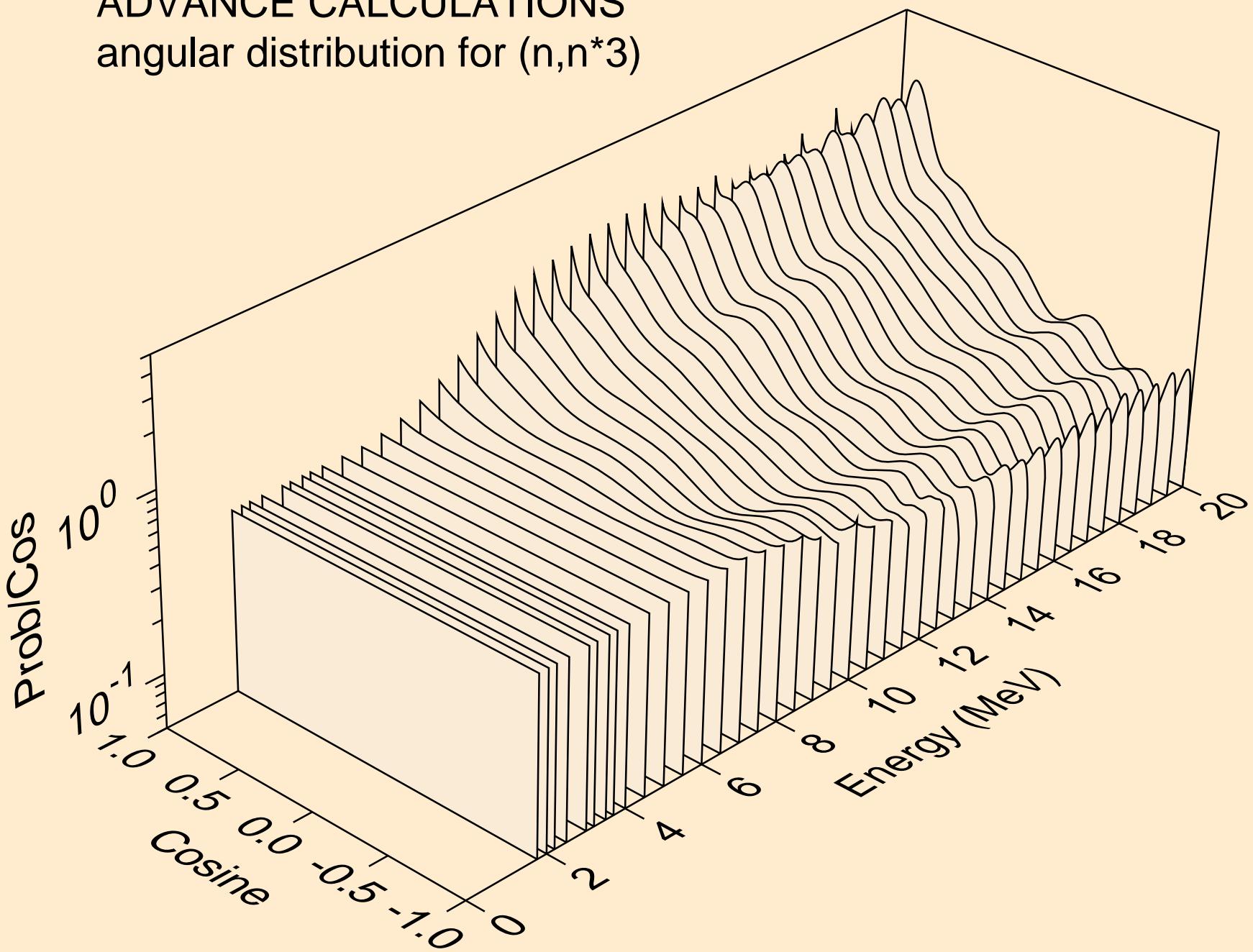
# ADVANCE CALCULATIONS

angular distribution for  $(n, n^*2)$



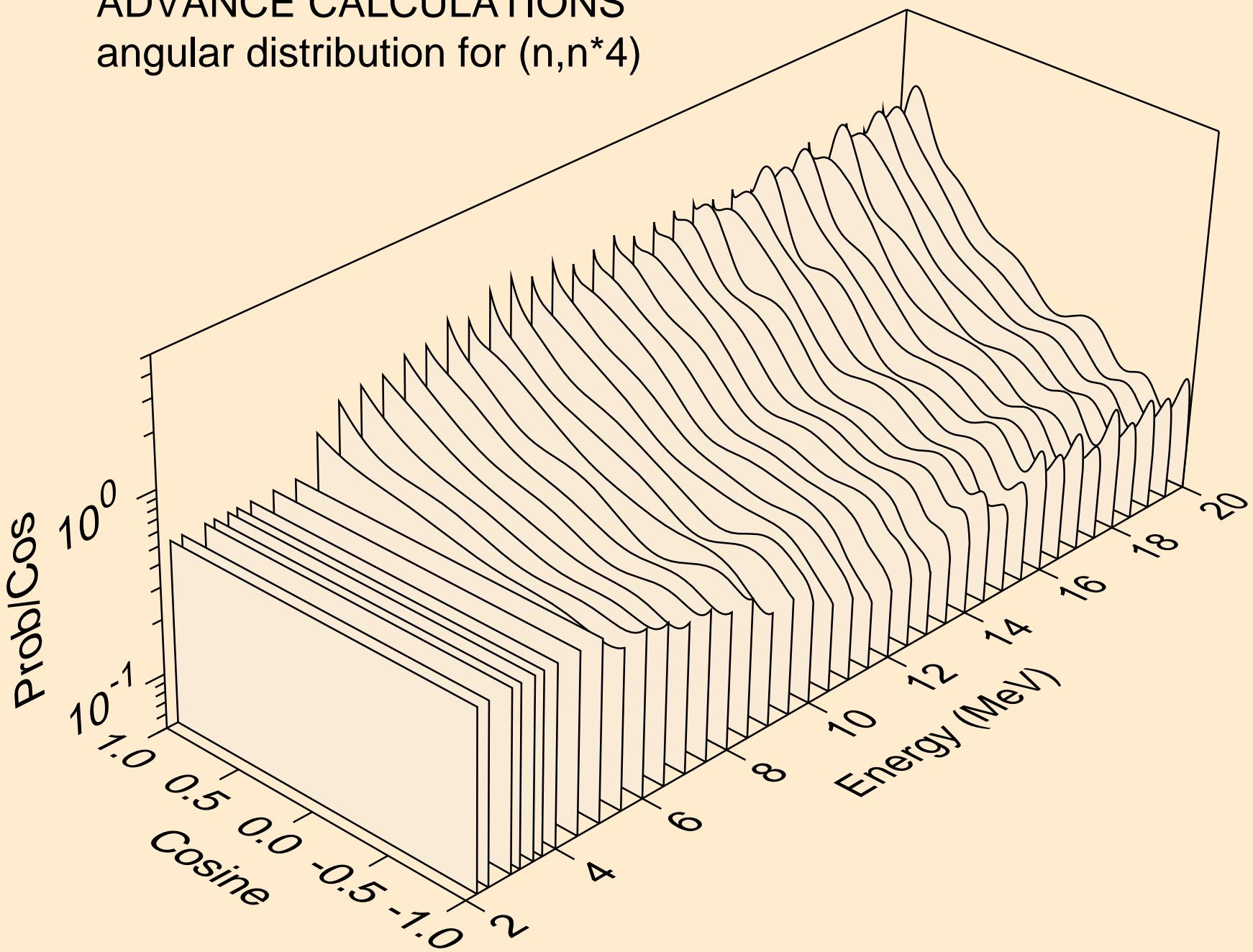
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*3)$



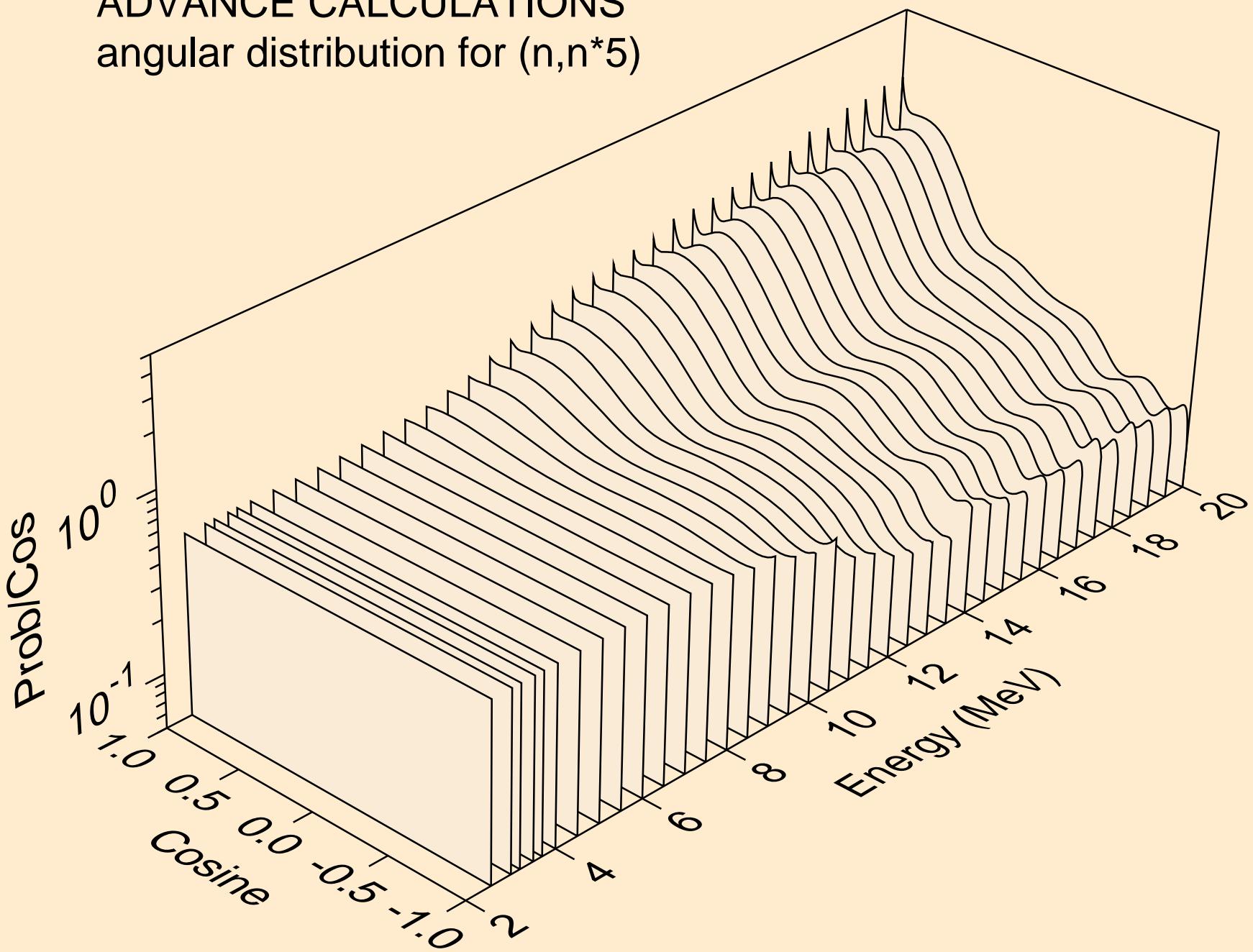
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*4)$



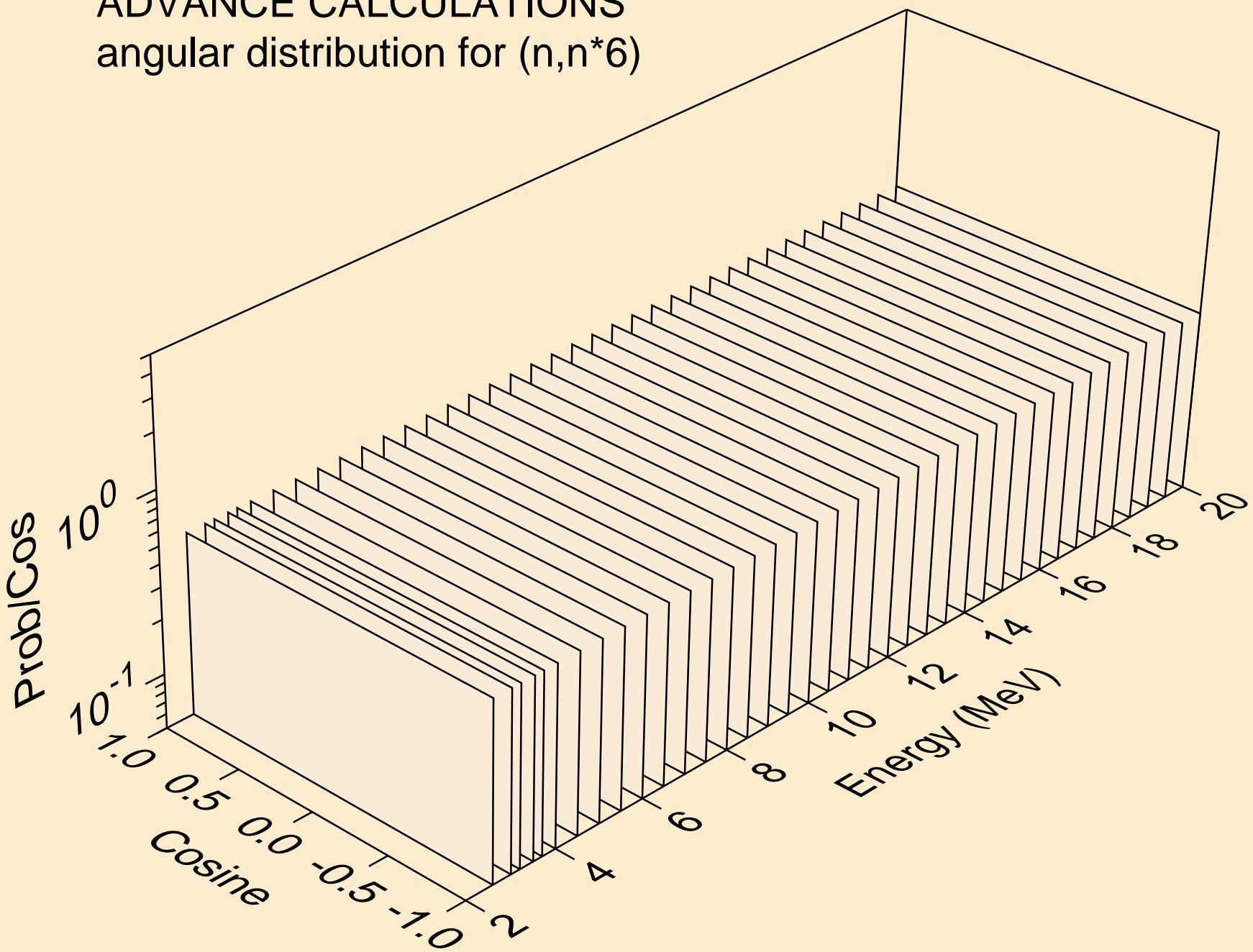
# ADVANCE CALCULATIONS

## angular distribution for $(n,n^*)$



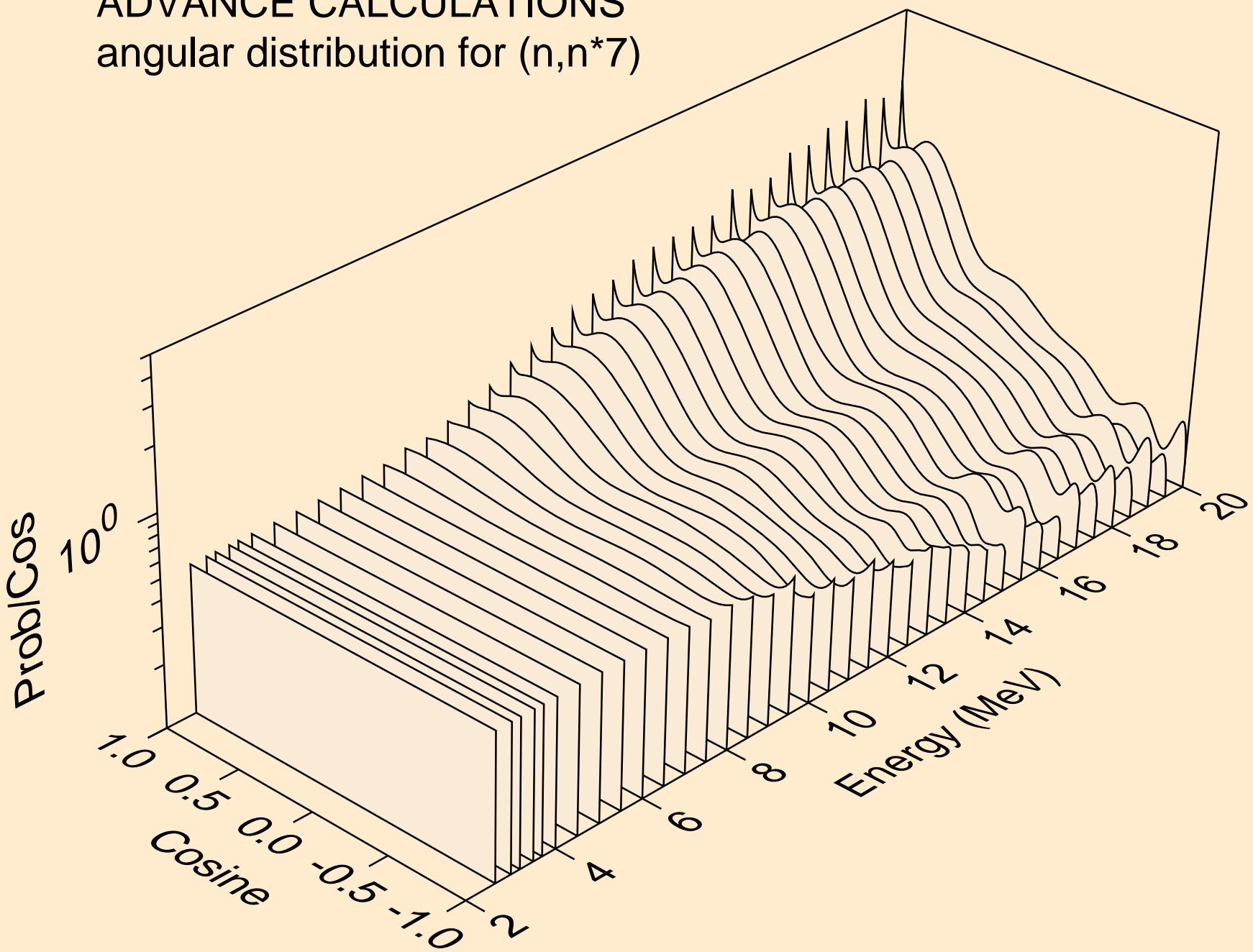
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*6)$



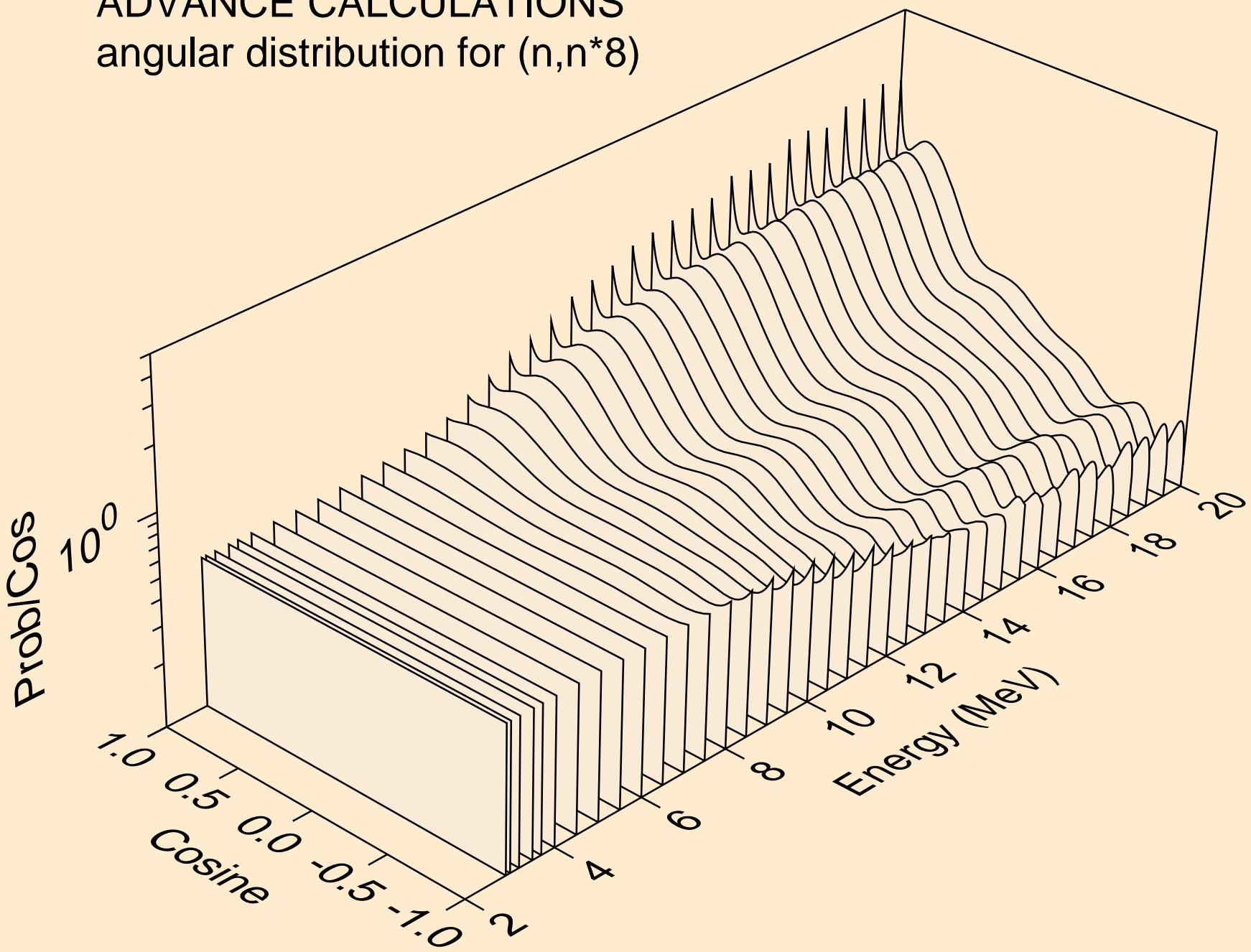
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*7)$



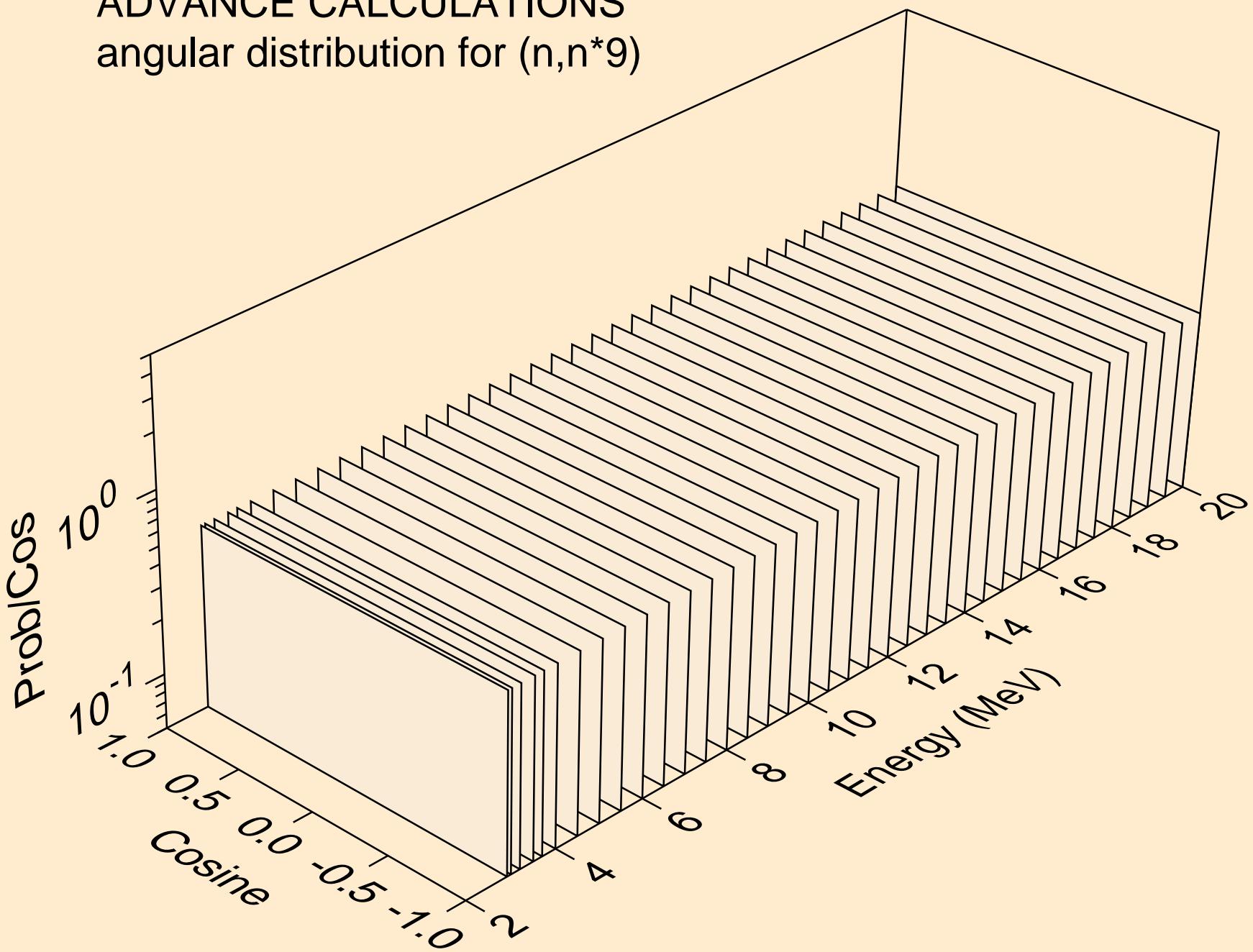
# ADVANCE CALCULATIONS

## angular distribution for $(n,n^*8)$



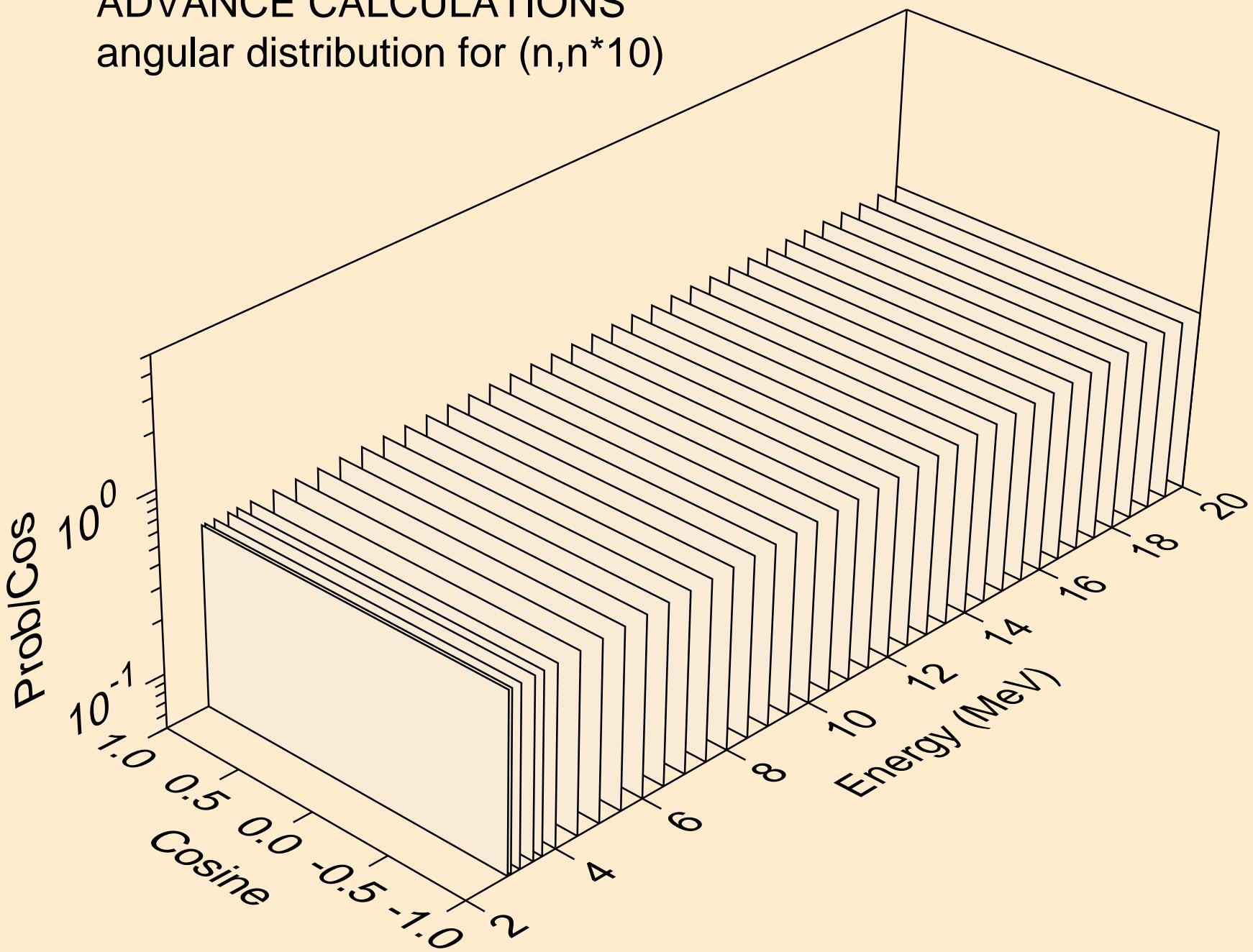
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*)$



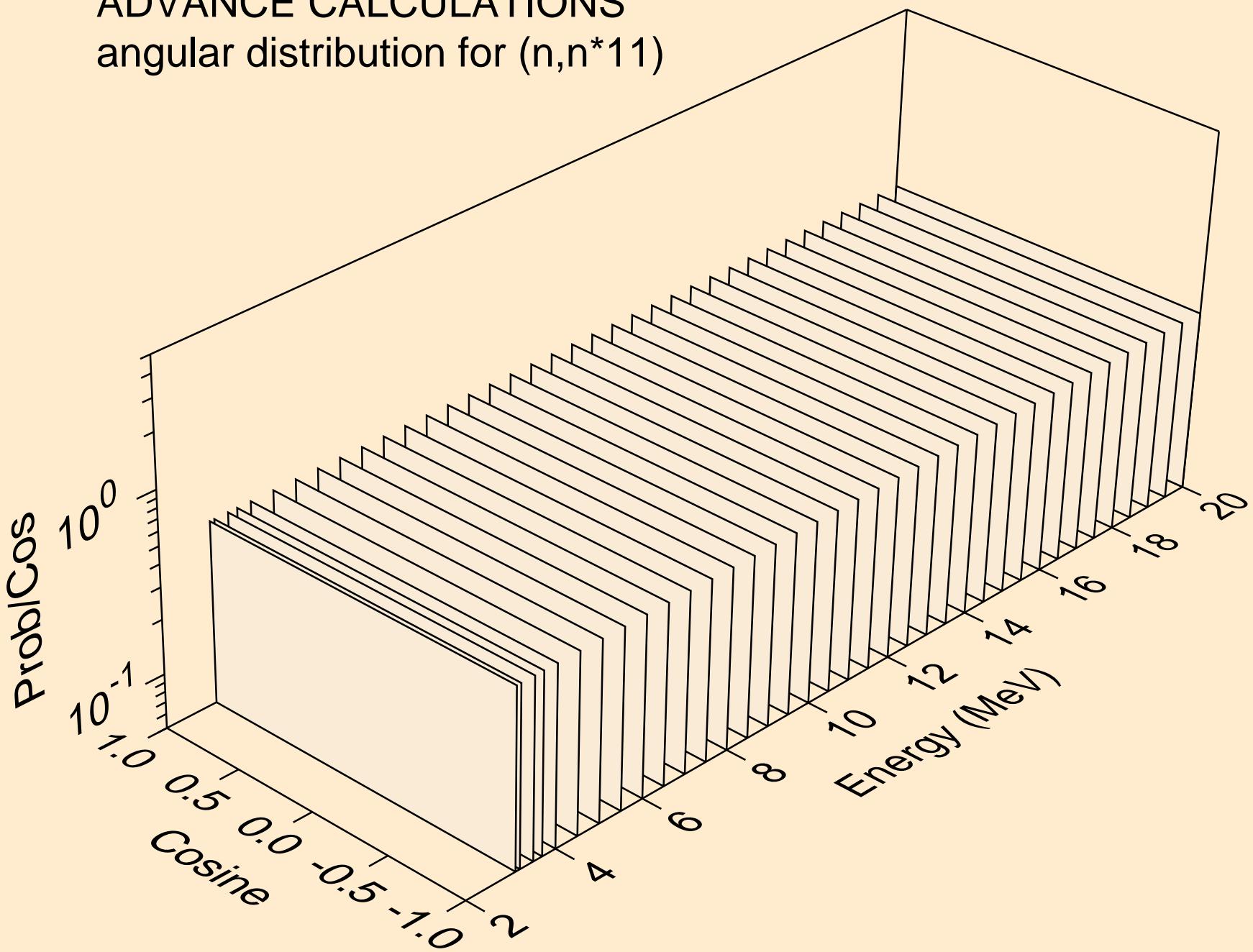
# ADVANCE CALCULATIONS

angular distribution for (n,n\*10)



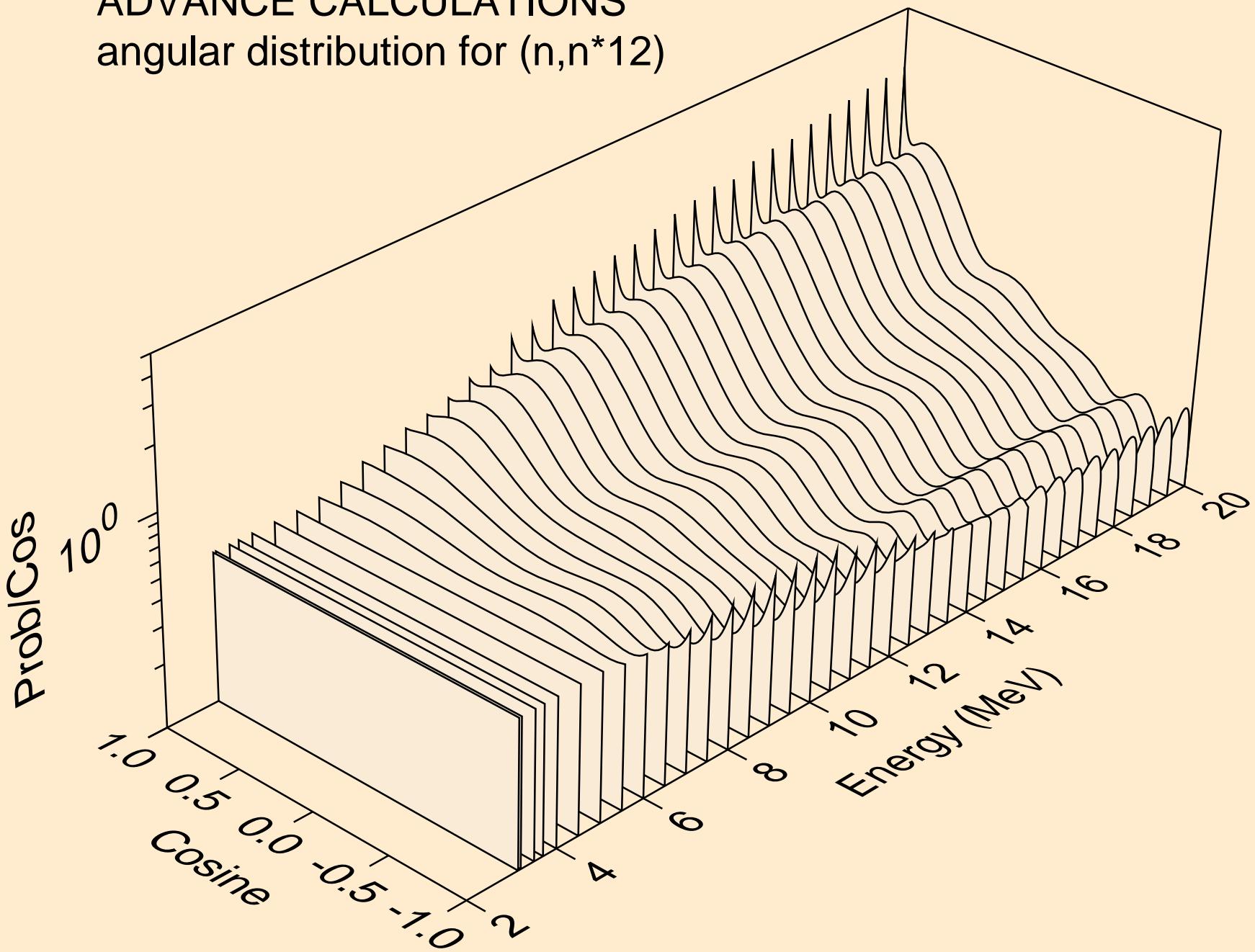
# ADVANCE CALCULATIONS

## angular distribution for (n,n\*11)



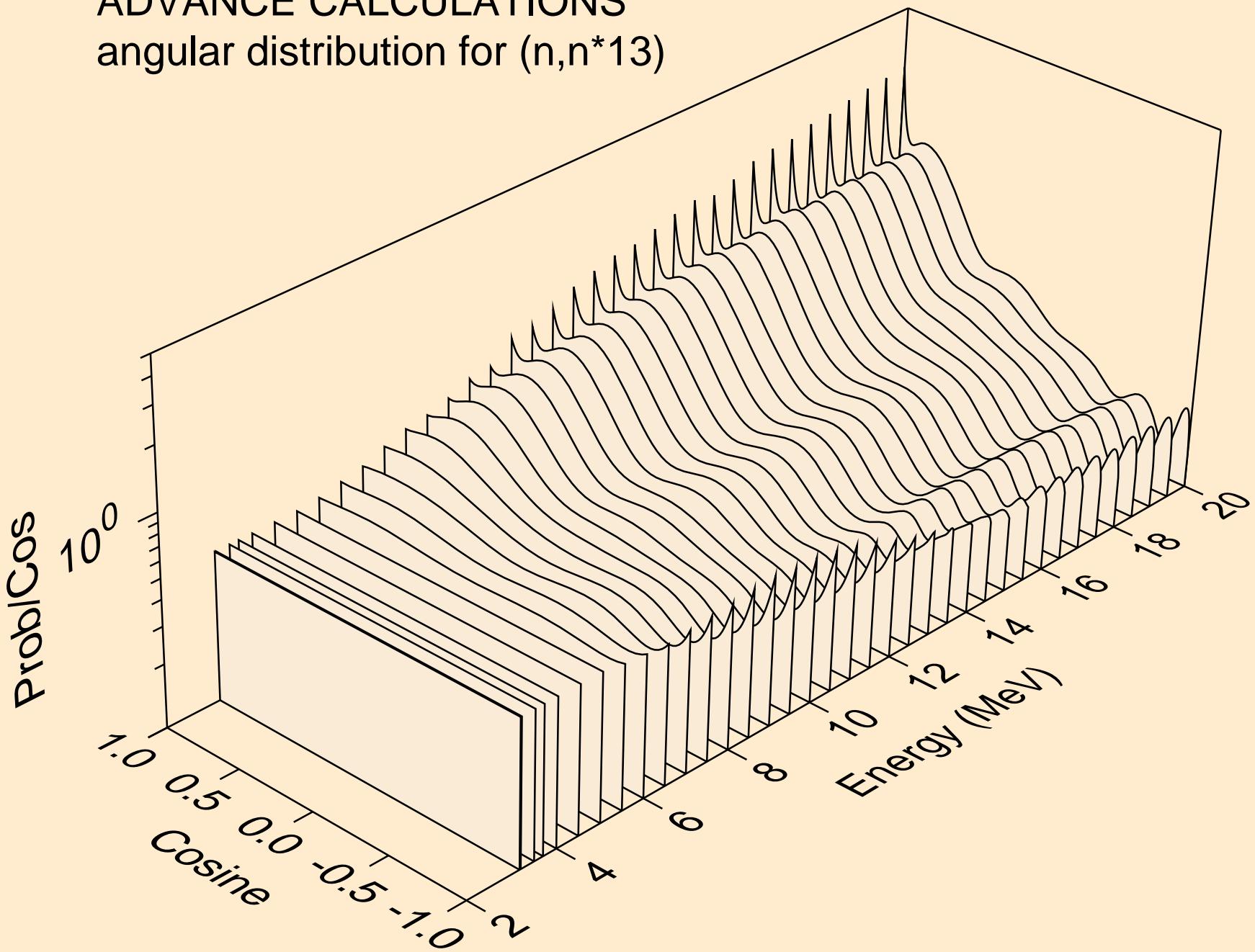
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*12)$



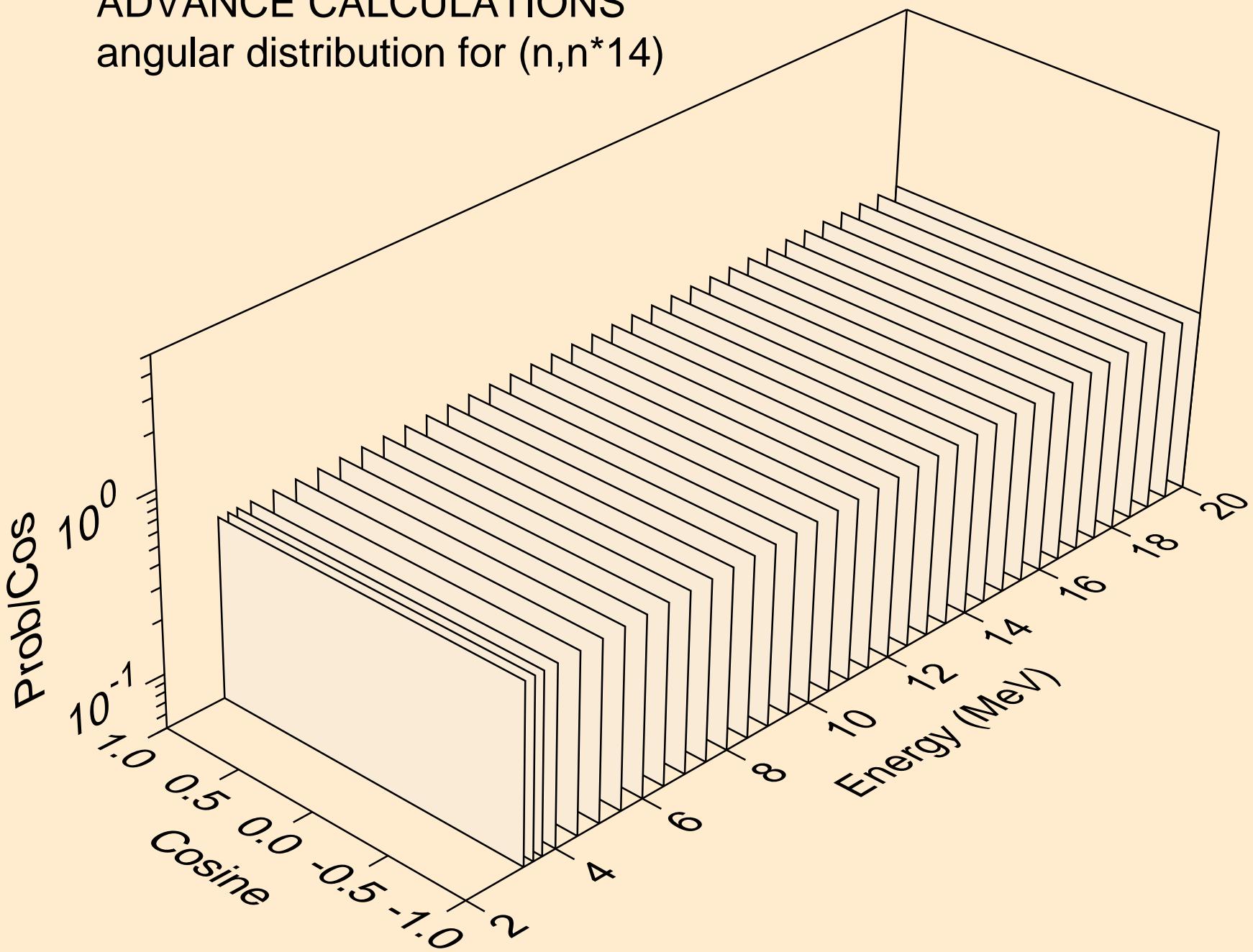
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*13)$



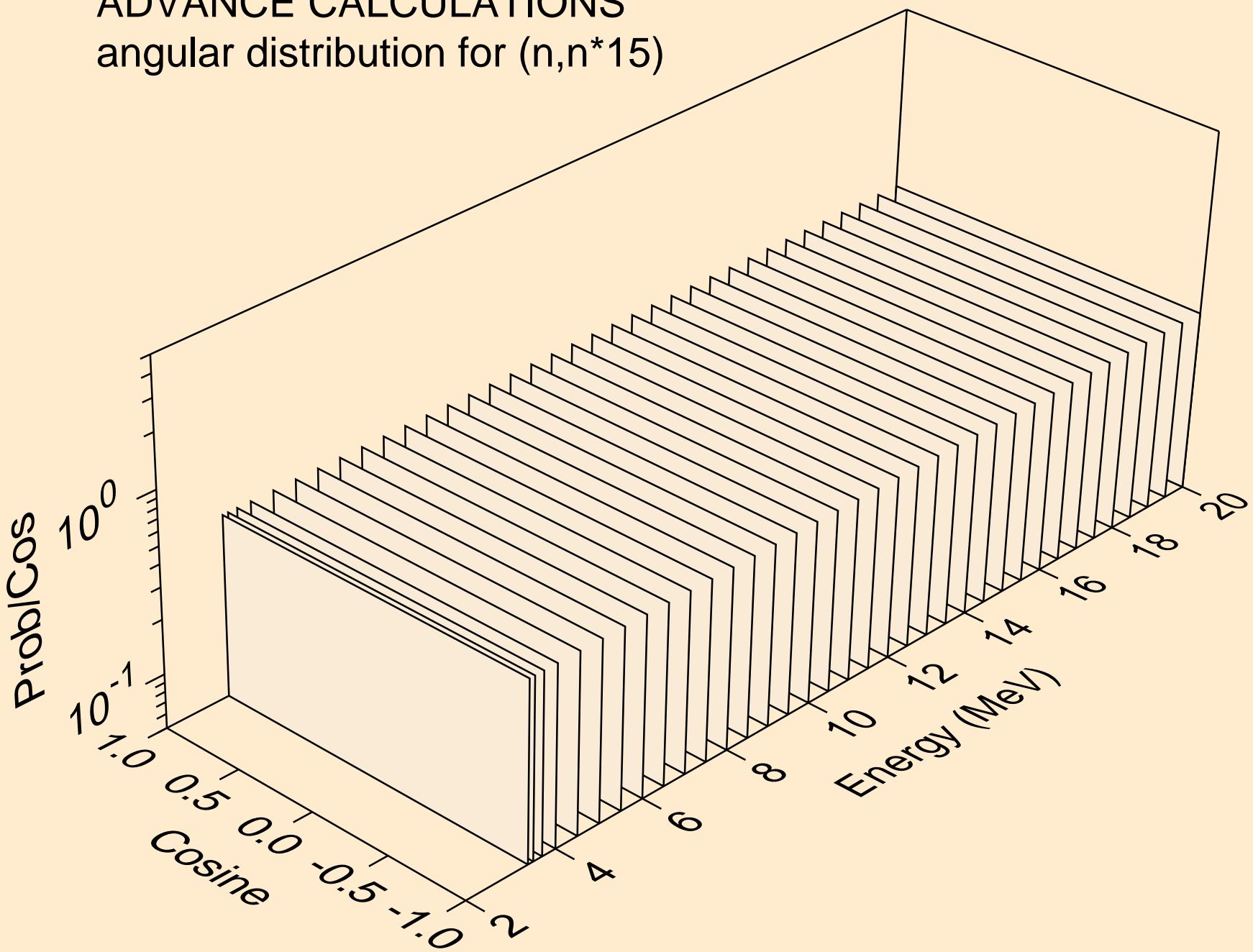
# ADVANCE CALCULATIONS

angular distribution for (n,n\*14)



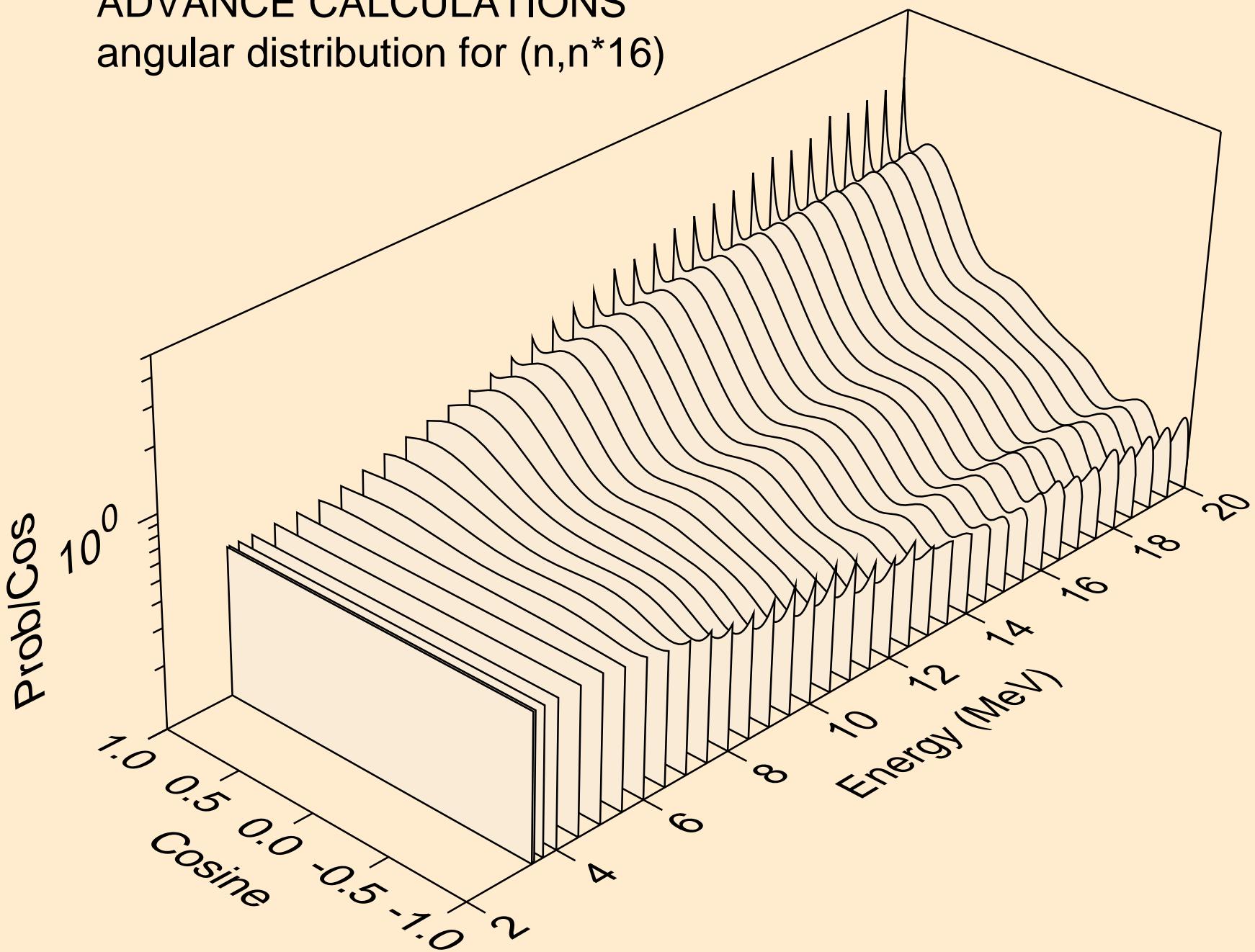
# ADVANCE CALCULATIONS

## angular distribution for (n,n\*15)



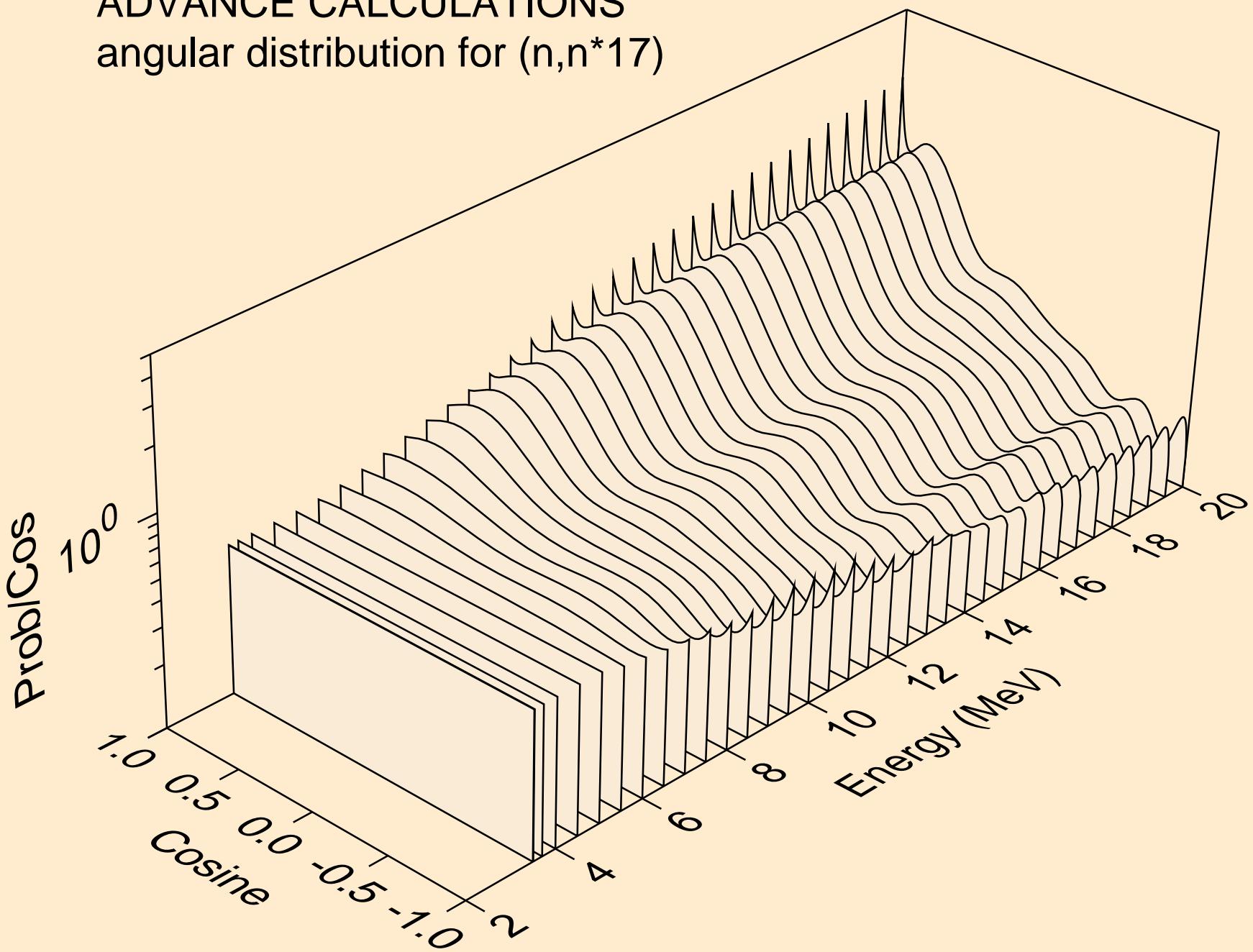
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*16)$



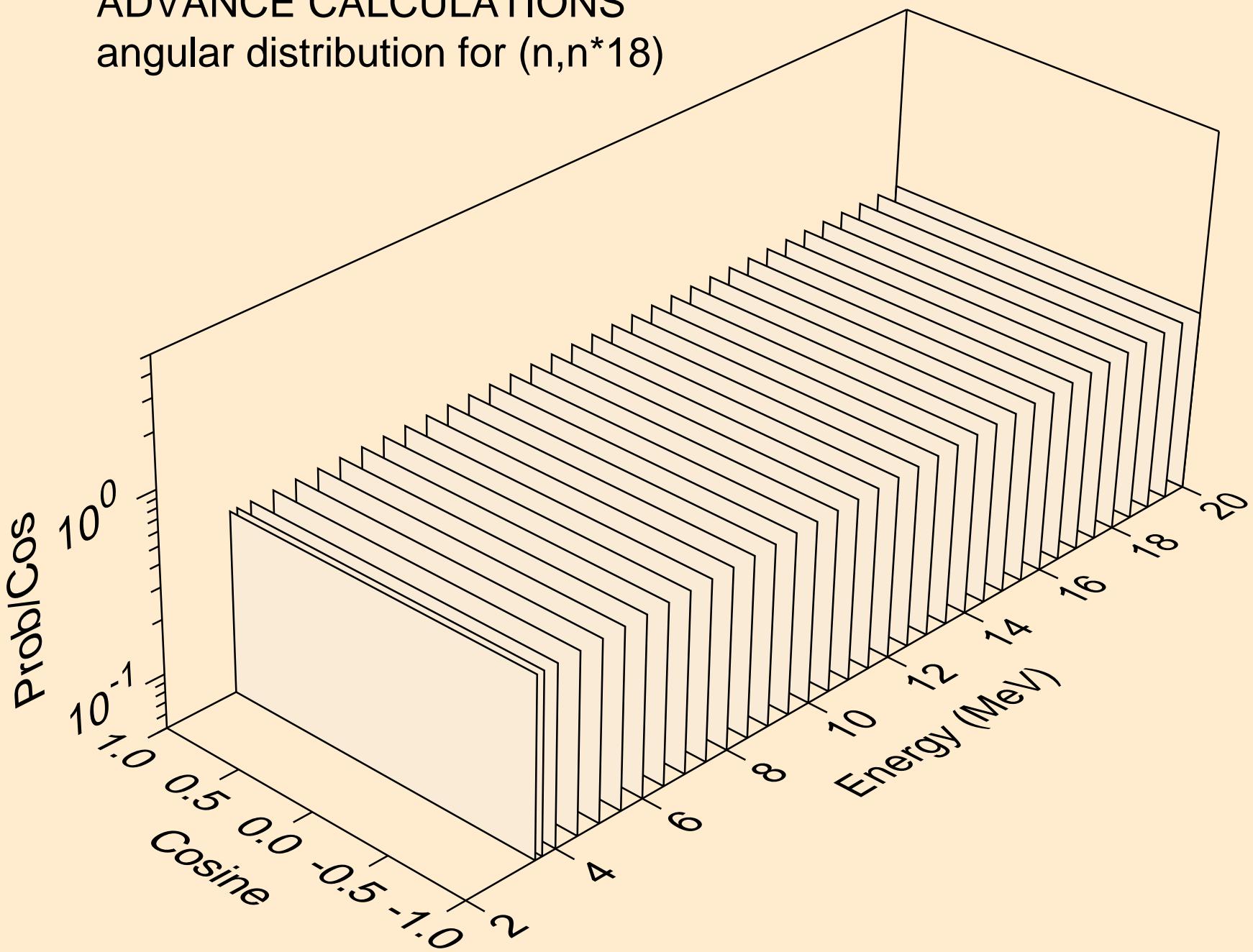
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*17)$



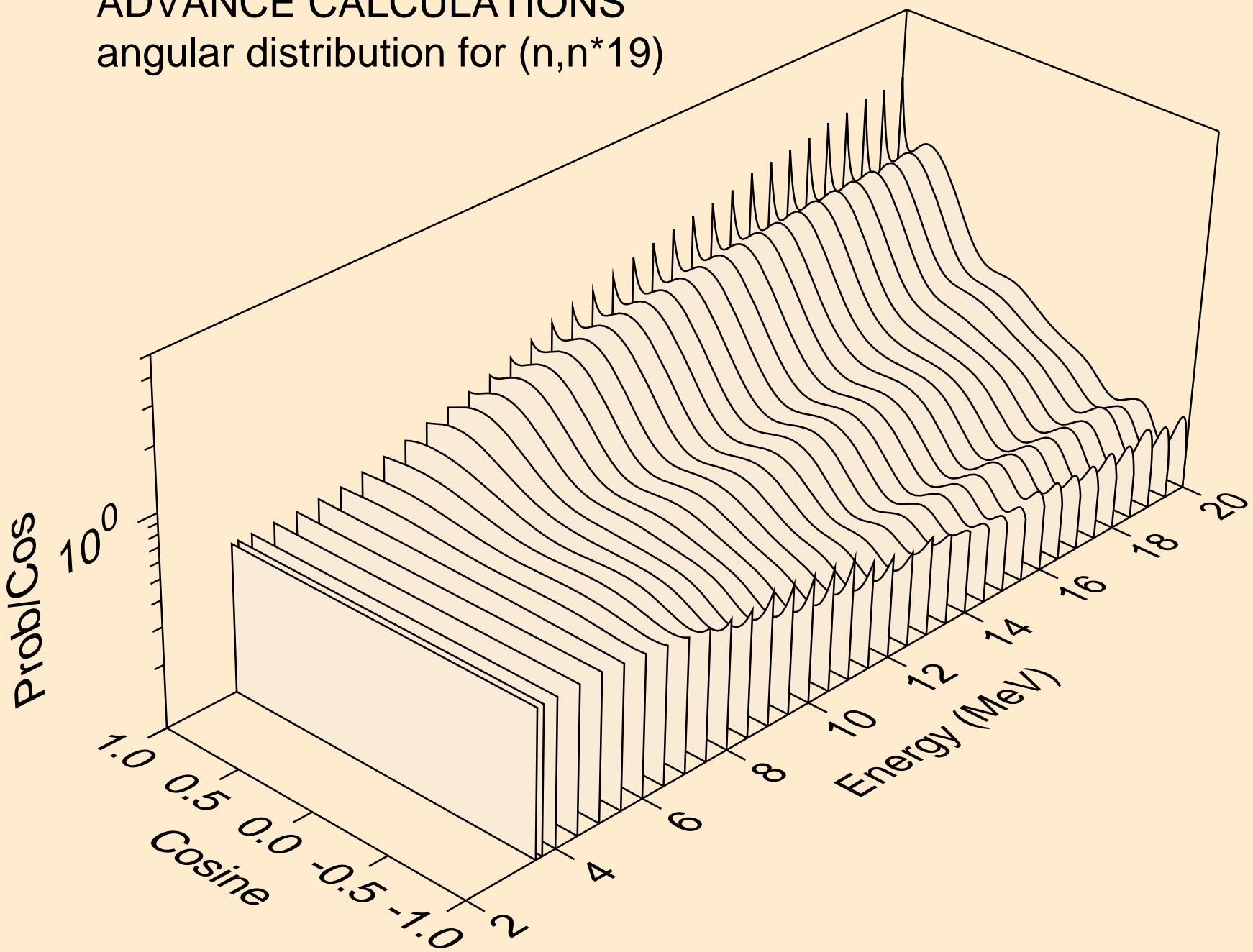
# ADVANCE CALCULATIONS

angular distribution for (n,n\*18)



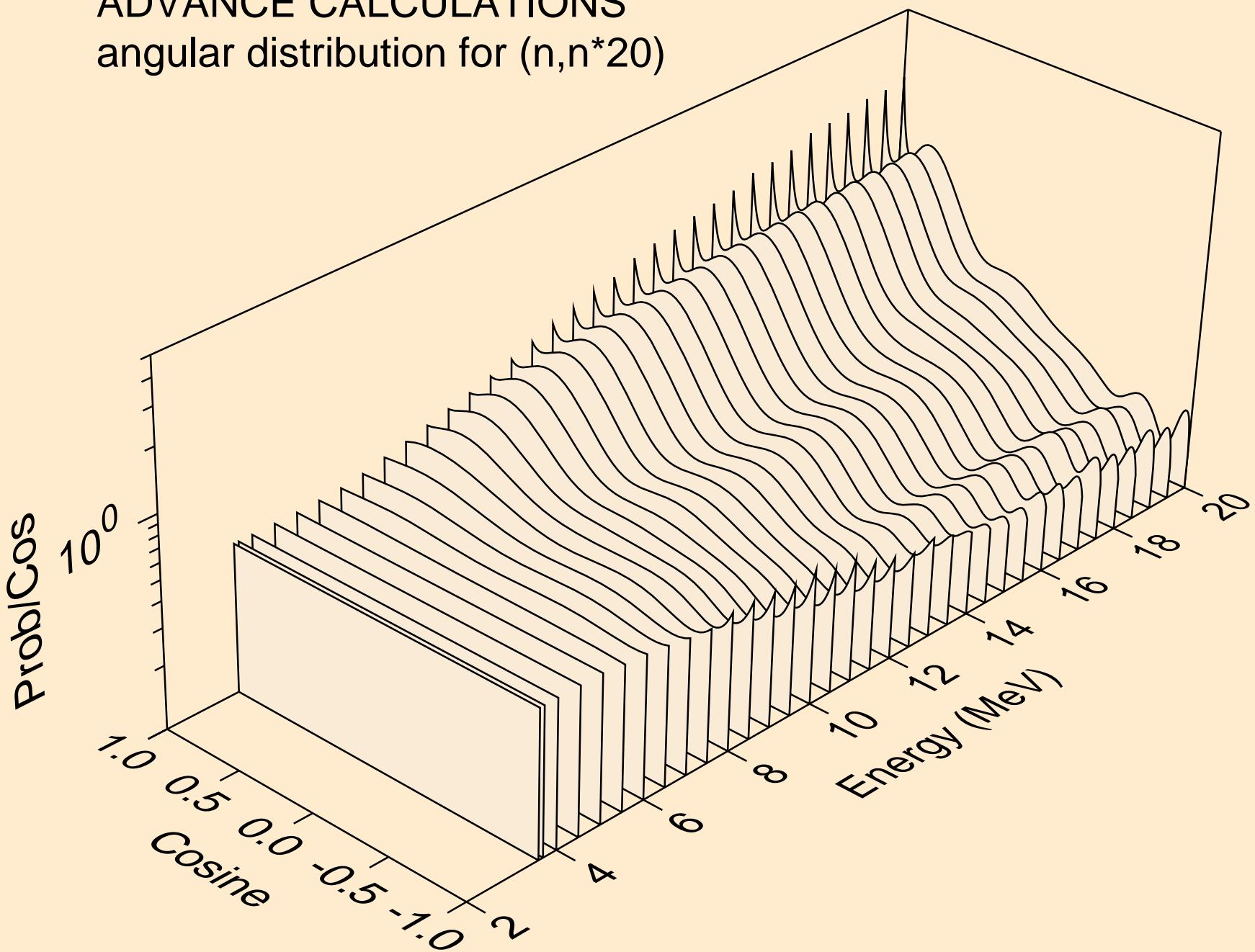
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*19)$



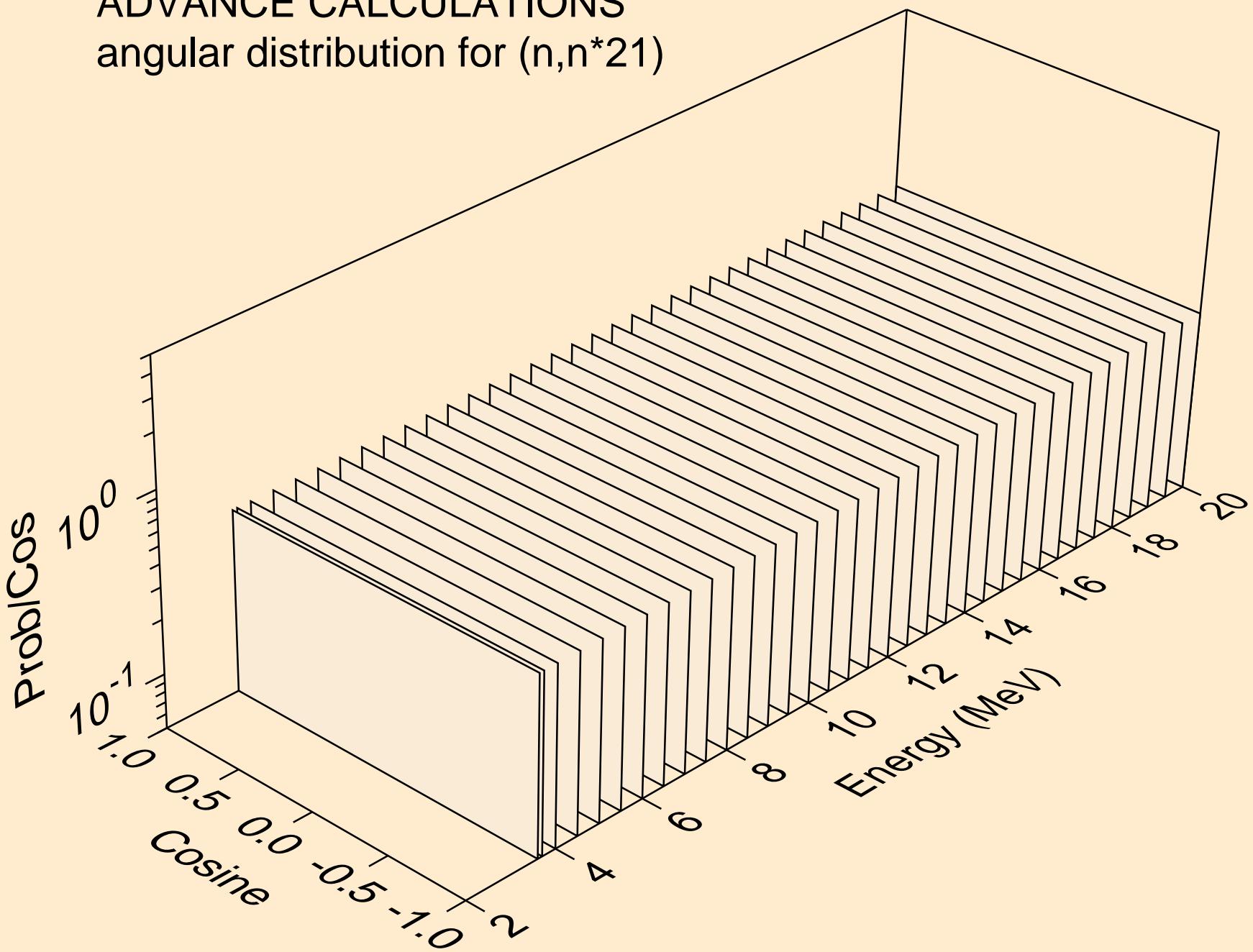
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*)20$



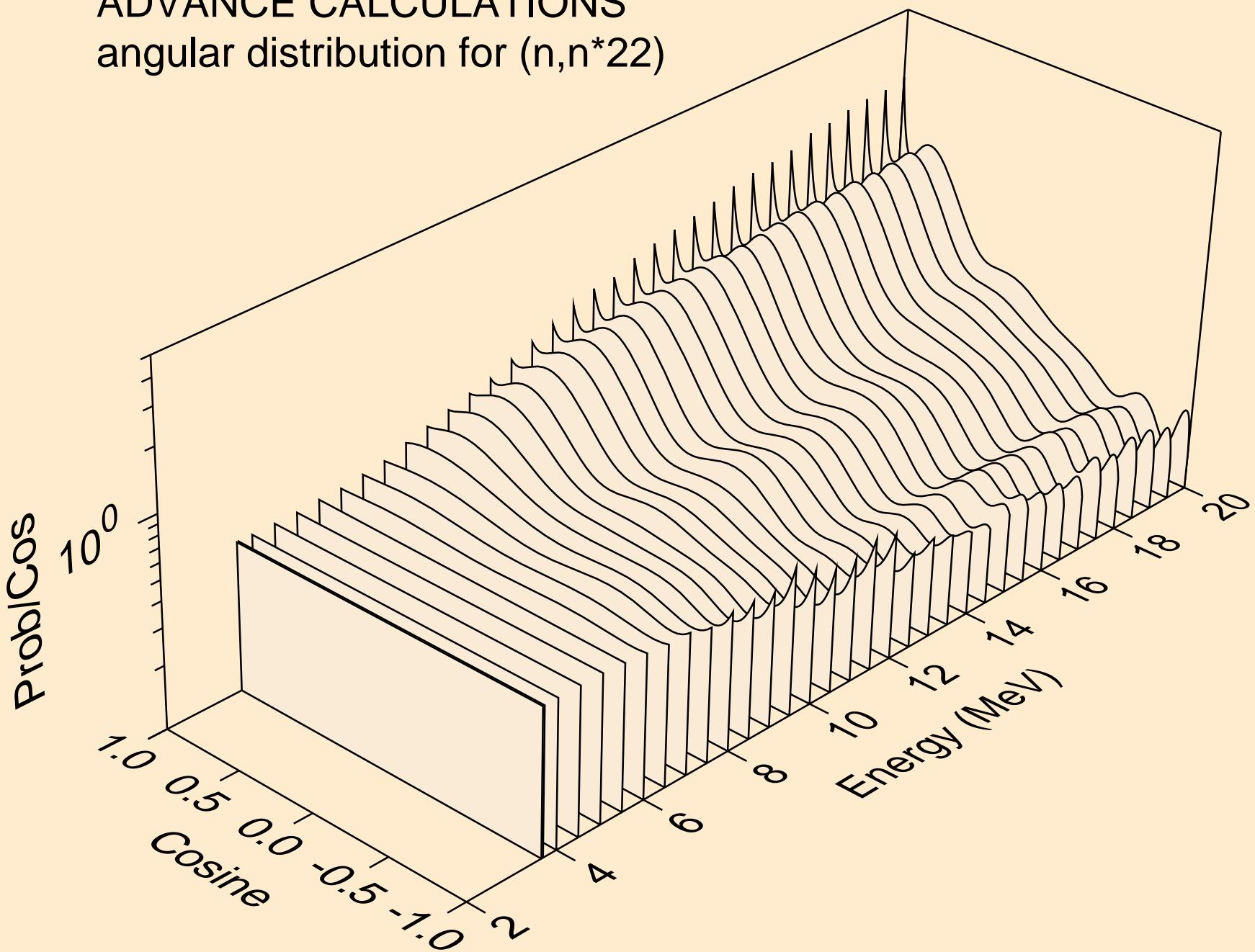
# ADVANCE CALCULATIONS

## angular distribution for (n,n\*21)



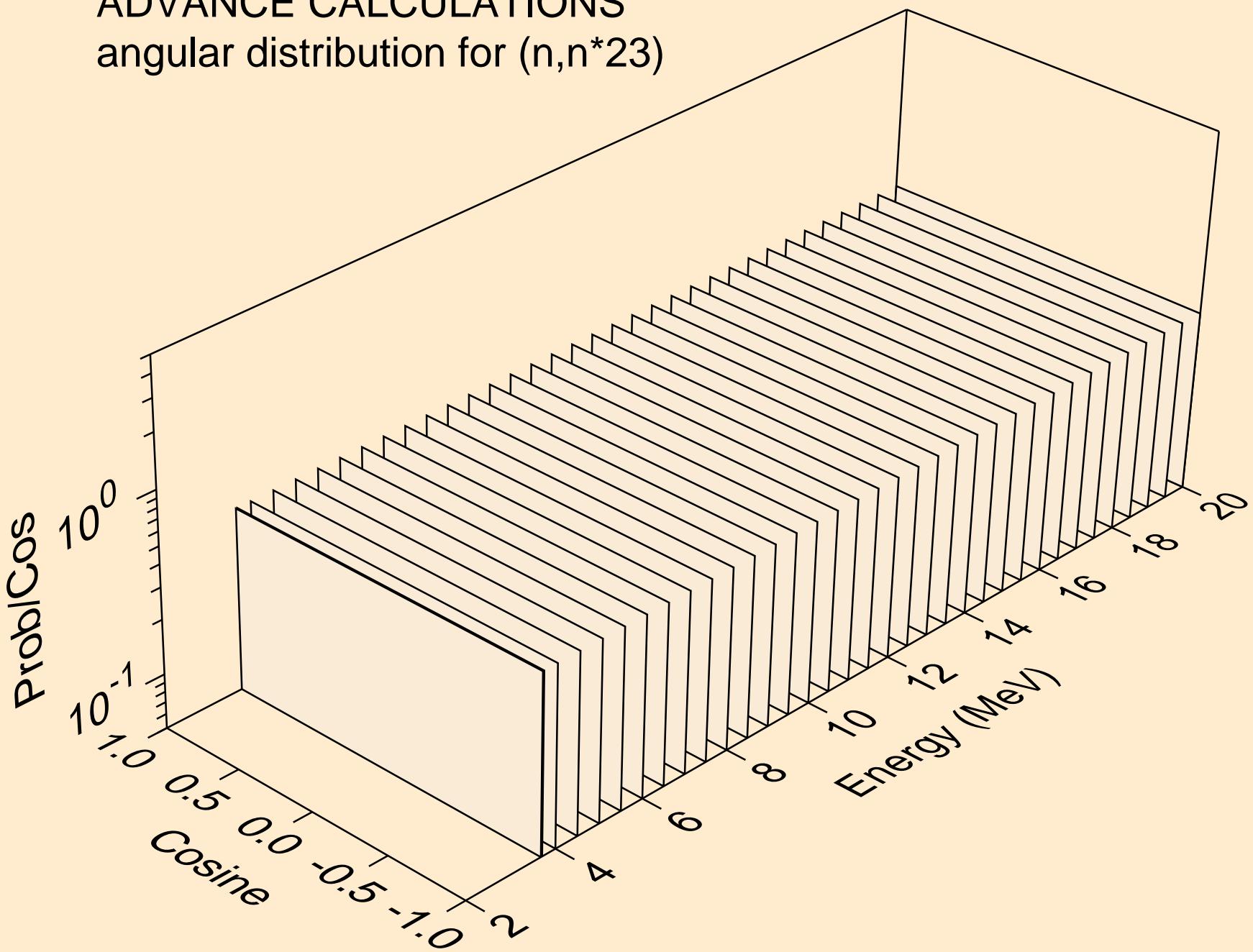
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*22)$



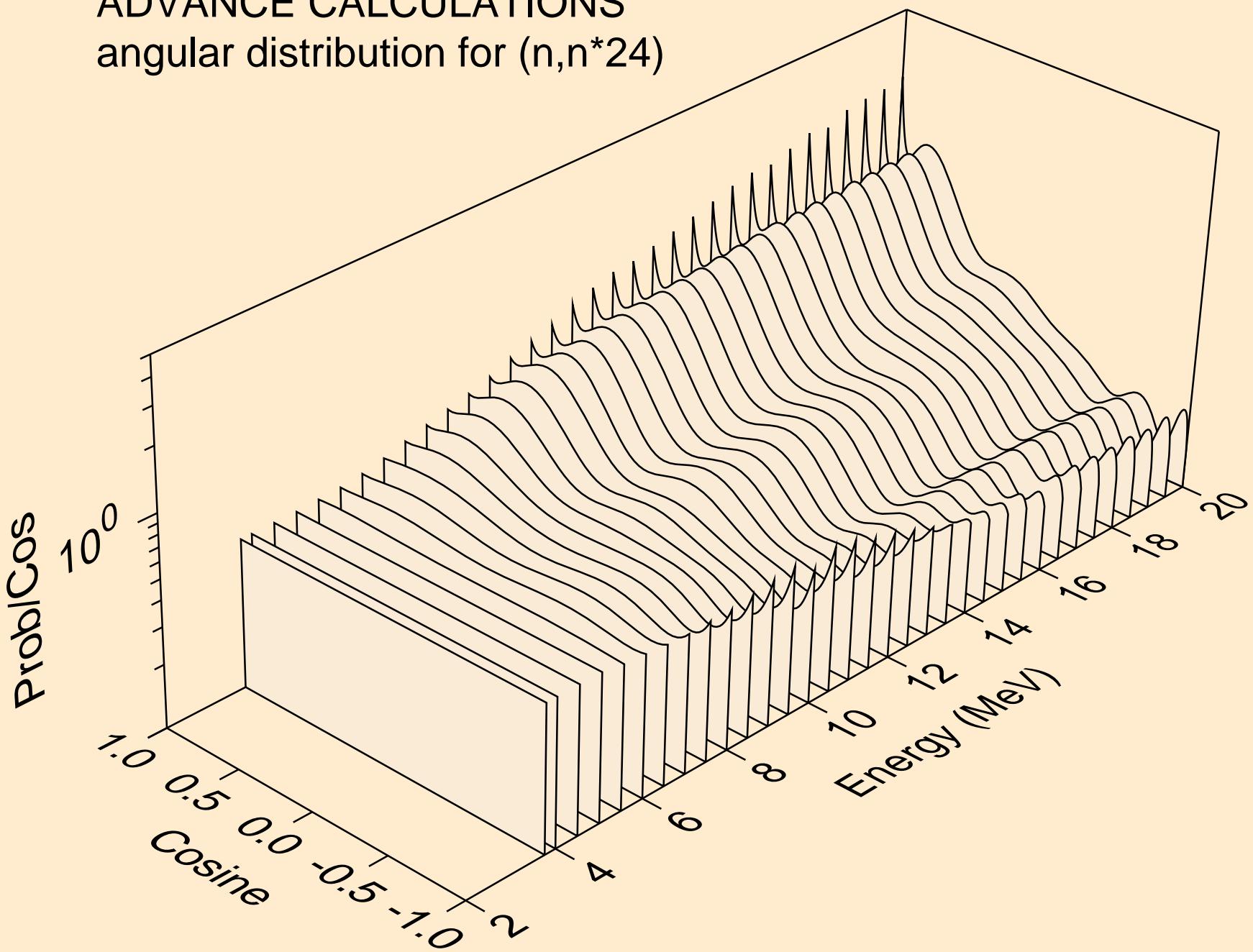
# ADVANCE CALCULATIONS

angular distribution for (n,n\*23)



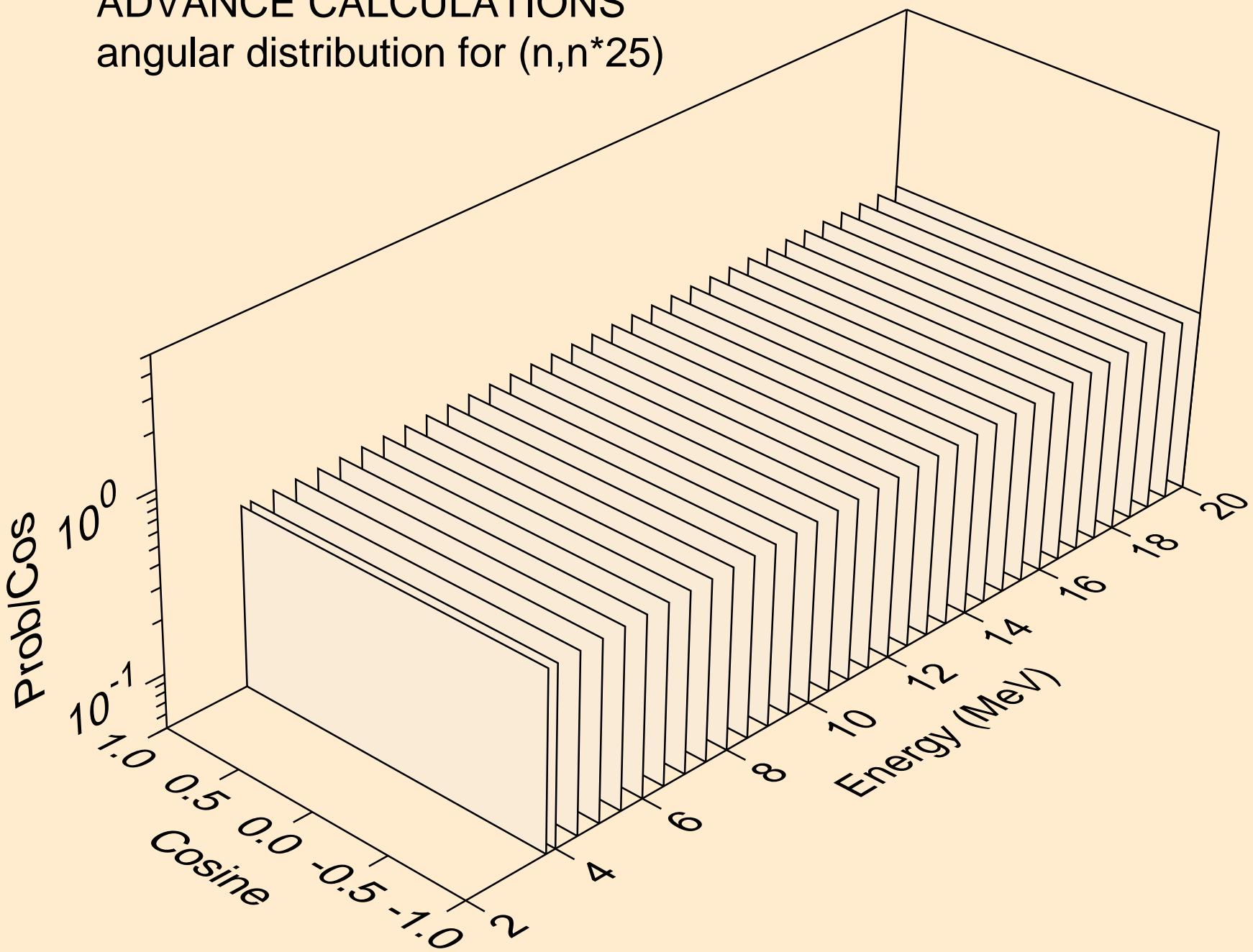
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*)^{24}$



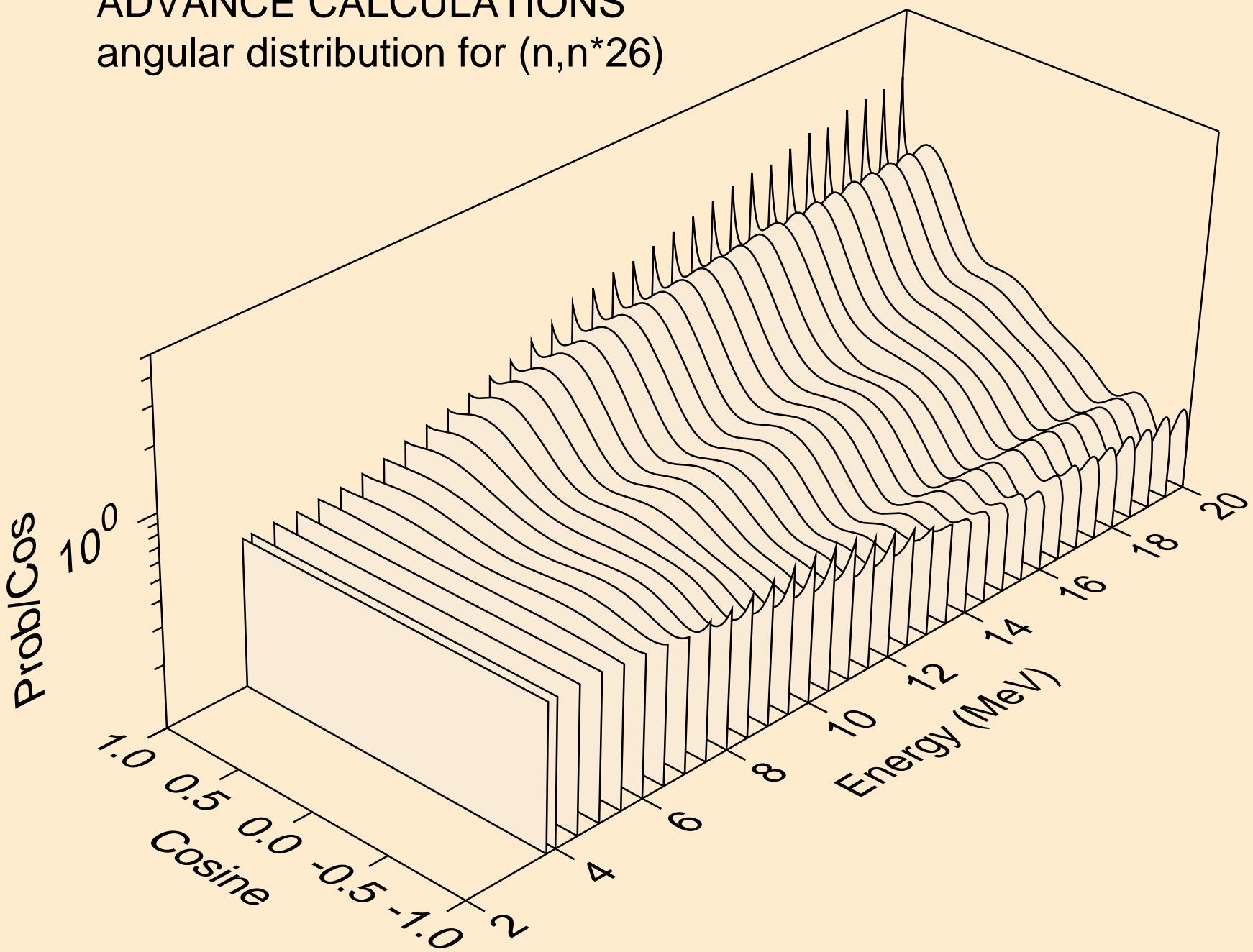
# ADVANCE CALCULATIONS

## angular distribution for (n,n\*25)



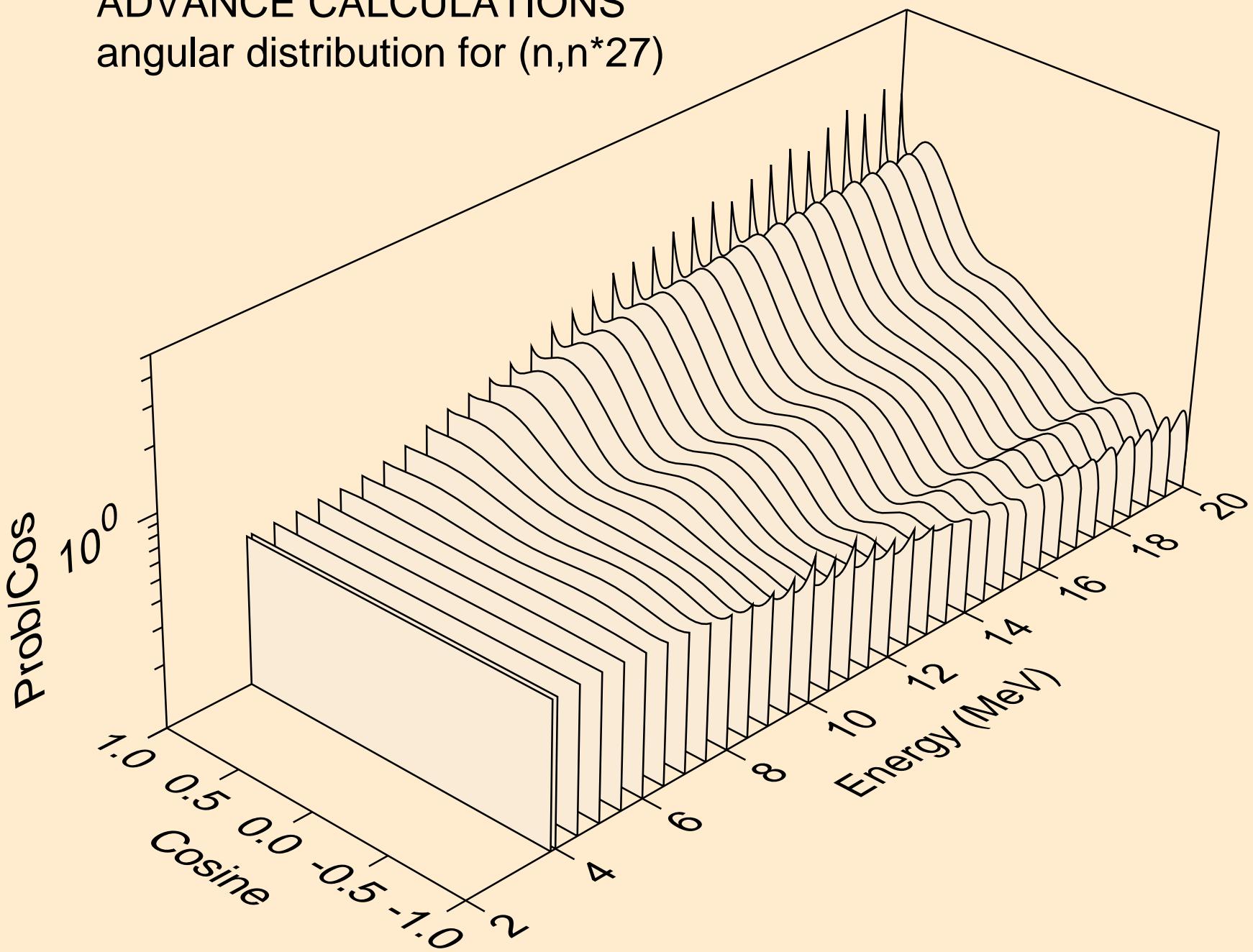
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*)^{26}$



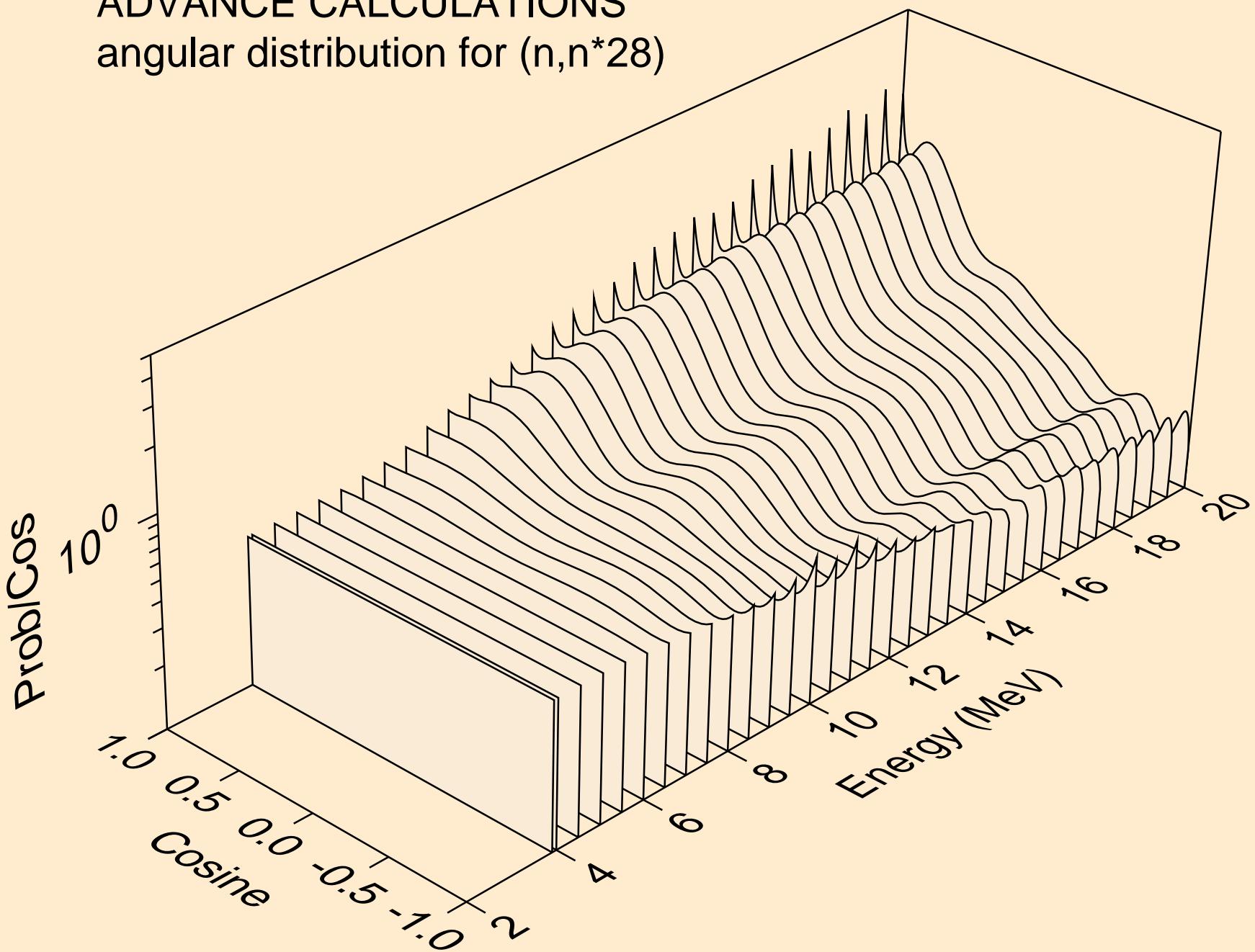
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*27)$



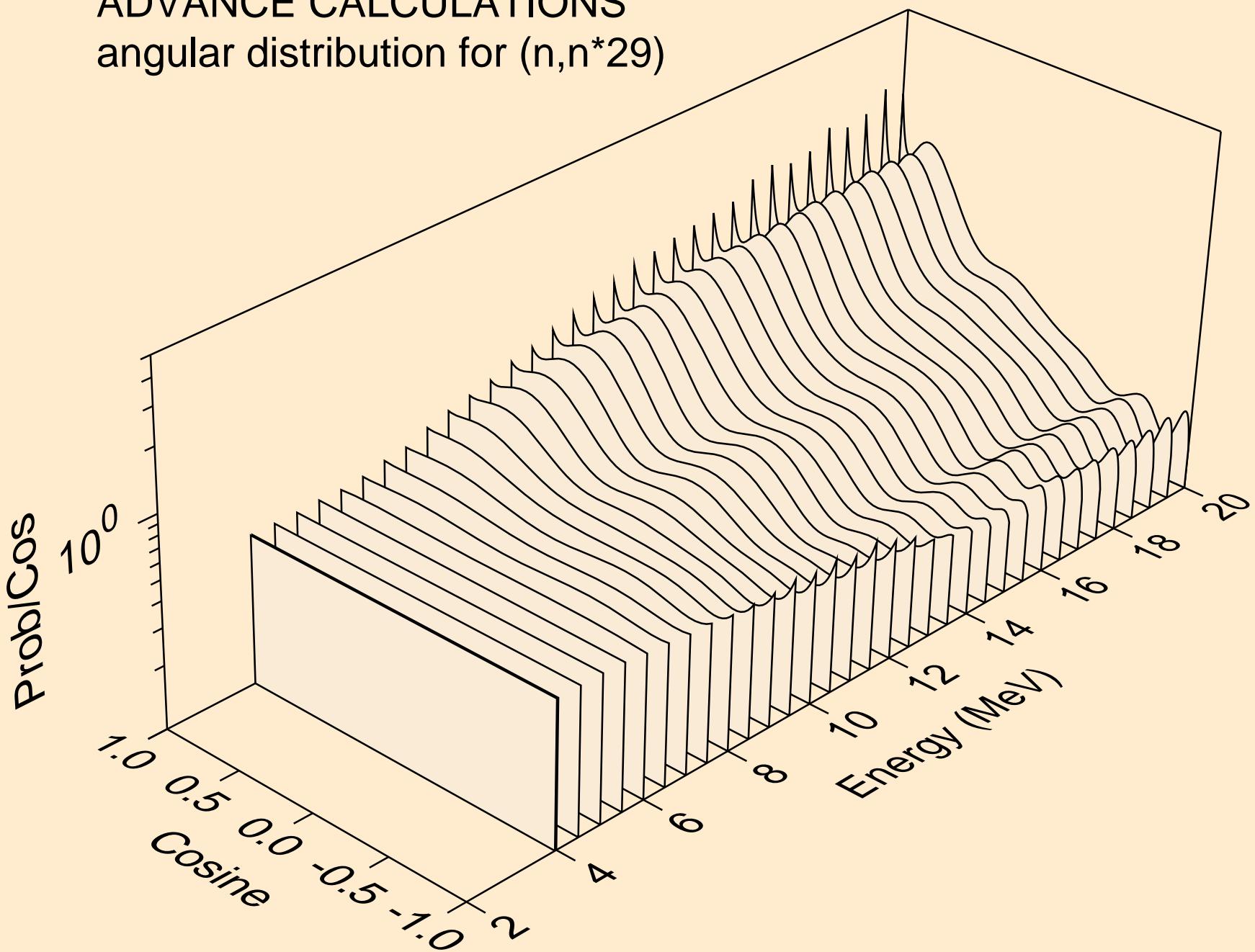
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*)^{28}$



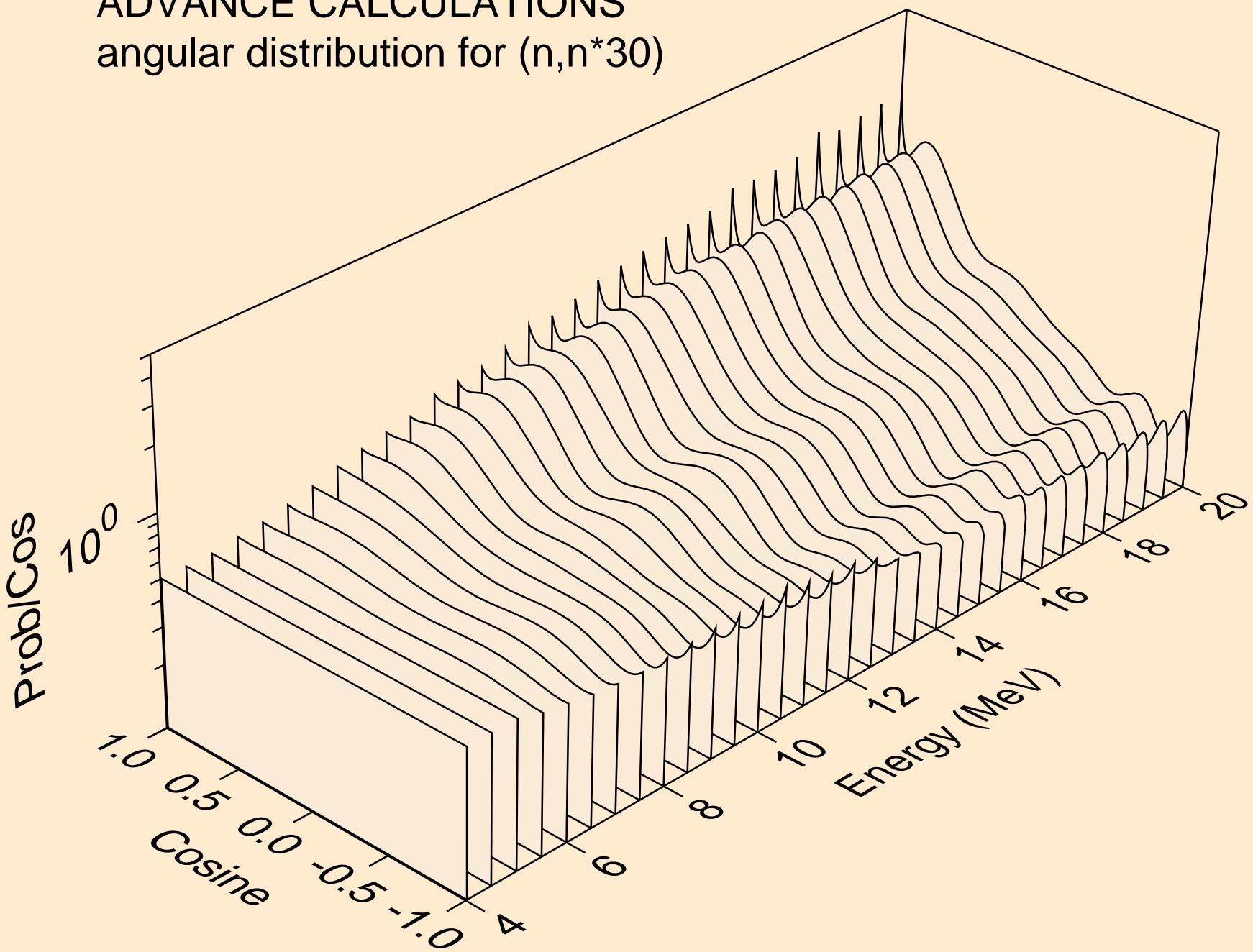
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*29)$



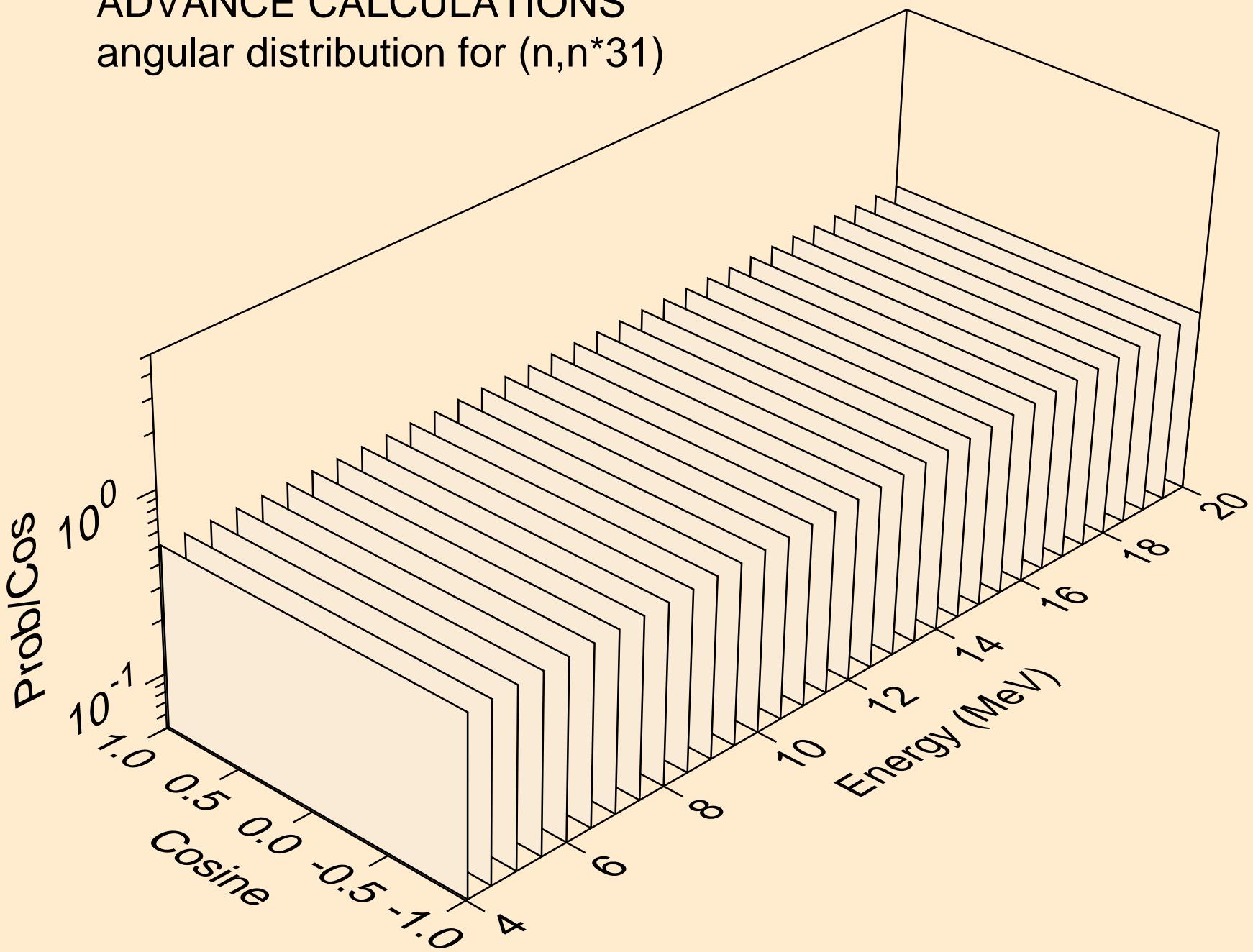
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*)30$



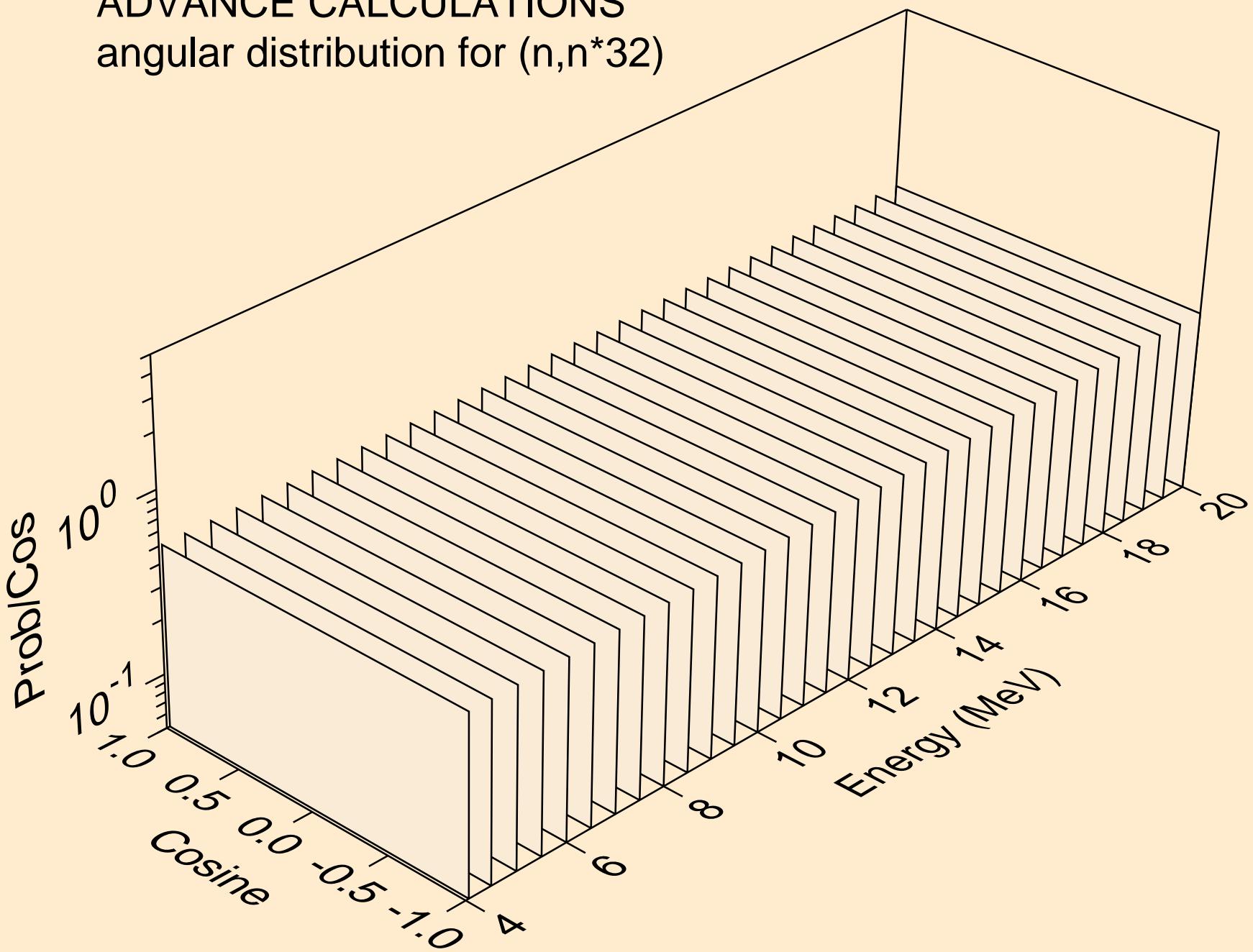
# ADVANCE CALCULATIONS

angular distribution for (n,n\*31)



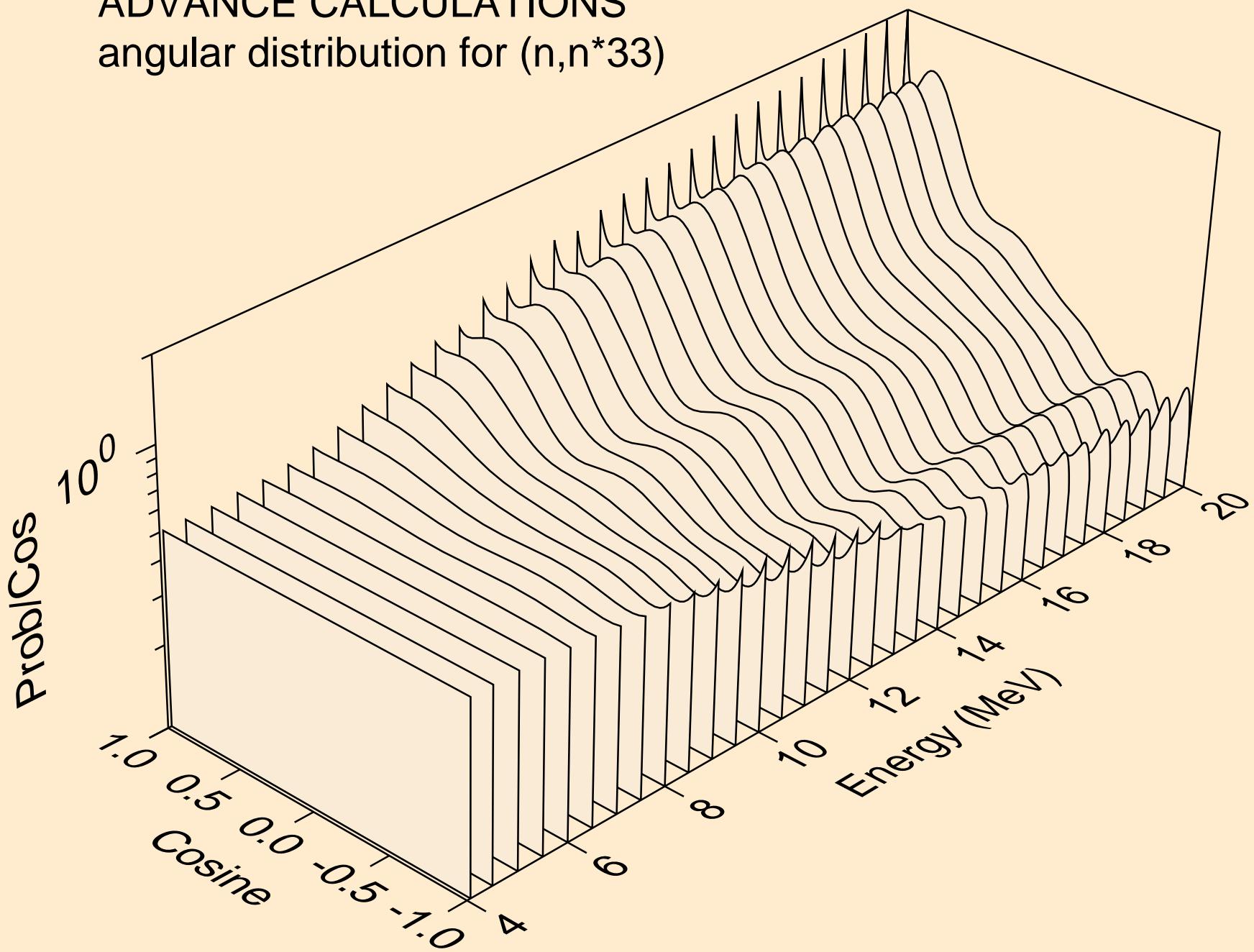
# ADVANCE CALCULATIONS

angular distribution for  $(n,n^*32)$



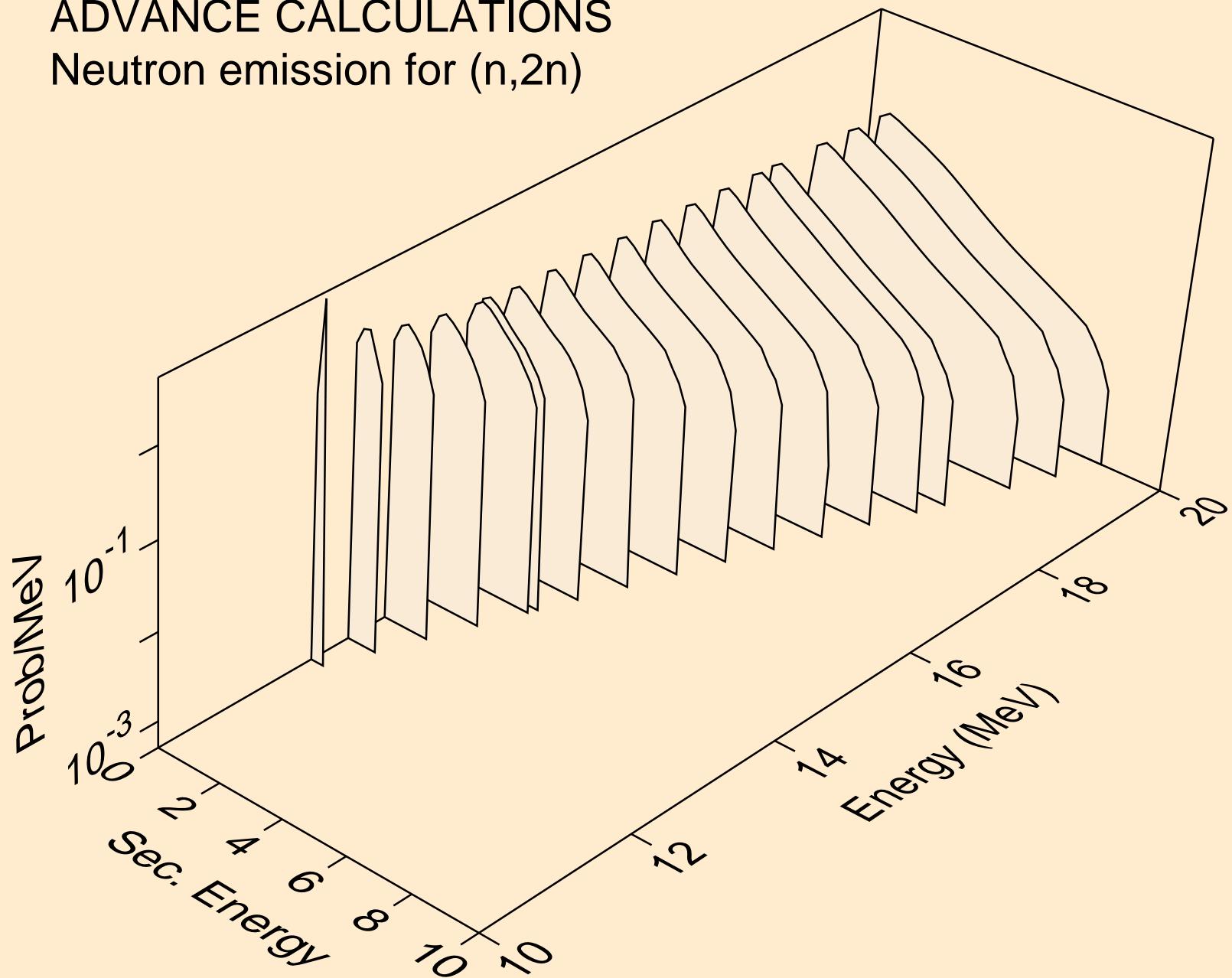
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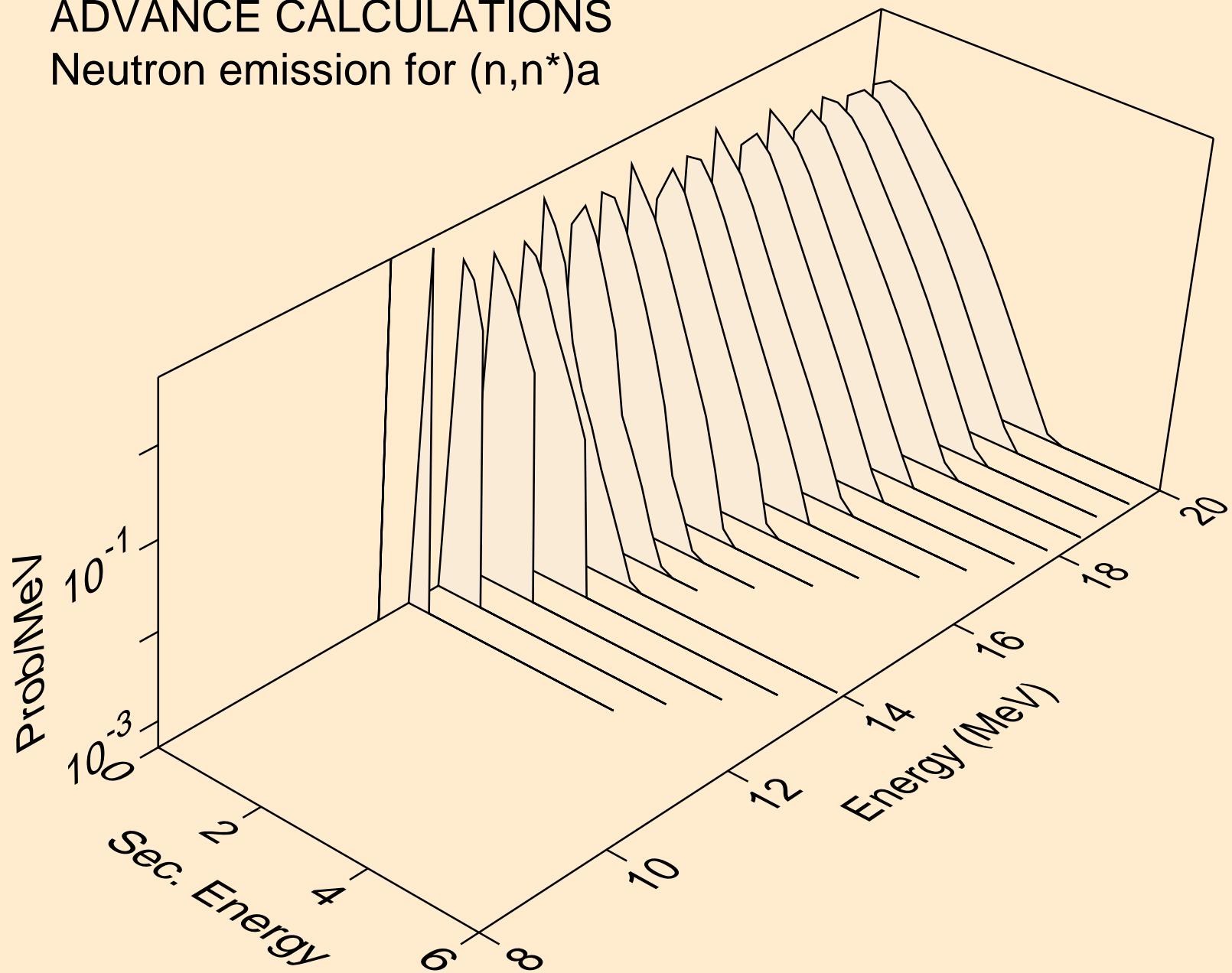
# ADVANCE CALCULATIONS

## Neutron emission for (n,2n)



# ADVANCE CALCULATIONS

## Neutron emission for $(n,n^*)a$



# ADVANCE CALCULATIONS

## Neutron emission for $(n,n^*)p$

